Construction News

★Denotes work advertised in ENGINEERING NEWS.
✚Denotes contract awarded. The names of bidders awarded contracts are set in CAPITALS.

An **Important Inquiry**—The Public Service Commission, purchasing for the city of New York, will place the largest order for ties, ballast and rails and other track accessories for the new subway and elevated lines of the Dual System, that has ever been given by an American municipality. An idea of the magnitude of these contracts is obtained by the fact that the orders cover about 35,000 tons of 100-lb. open hearth rail; about 3000 tons of rolled manganese rail; over 1,000,000 tie plates; about 356,000 cu.yd. of broken stone ballast, and 30,000,000 ft. of ties and timber.

Besides the saving in cost to the city by placing the orders at the prevailing low prices, it is expected that considerable saving will be made in the handling of the material, in that the supply contractor is required to deliver the material directly to the contractors who will lay the track, thus eliminating any necessity for a city store yard.

The Commission is already advertising the contract for open hearth rail, bids for which will be opened July 16, and it is expected that advertisements will be ordered for bids to be opened by the end of July for the supply of the balance of the track materials.

The new materials are needed for the track-laying on all lines of the Dual System except the Fourth Ave. subway in Brooklyn and the Center St. Loop subway in Manhattan, which have been already equipped and the New Utrecht Ave. elevated line in Brooklyn for which the materials have been ordered. On the new lines of this system, to be owned by the city, there will be approximately 260 miles of single track railroad. In the Fourth Ave. subway and the Center St. Loop there are approximately 30 miles of single track, and as these tracks have already been laid there remains to be equipped about 230 miles upon other lines.

RAILWAYS—STEAM AND ELECTRIC

New York—New York State Ry.—This company plans to expend $200,000 for trackage improvements in Syracuse. B. E. Tilton, Syracuse, is Gen. Mgr.

Maryland—Cumberland Valley R.R.—According to press reports, this company plans to make extensive improvements, to include yards, at Hagerstown, Md. J. H. Tonge, Chambersburg, Penn., is Supt.

Virginia—Patrick Hogan, High Knobs, Va., is interested in the construction of a railway from Norton to High Knobs, about five miles.

Virginia—Lynchburg Traction & Light Co.—Plans are being prepared by this company to double-track its line on Main St., Lynchburg. J. W. Hancock, Lynchburg, is Gen. Mgr. and Pur. Agt.

West Virginia—Cherry River Southern Ry.—This company is securing the right-of-way and is making preliminary arrangements for the construction of its proposed railway from Curtin to Bays, W. Va., about 42 miles. E. H. Venable, Charleston, W. Va., is Ch. Engr. Noted Oct. 29.

West Virginia—Weston & Glenville Electric Ry.—Surveys are being made by this company for the construction of its proposed railway from Weston to Glenville. Lloyd Rinehart, Weston, is interested. Noted Oct. 22.

North Carolina—The Graham Lumber Co. is having surveys made for the construction of a railway from Murphy, N. C., to the timber lands of the company. W. C. Sandblin, Andrews, N. C., is Engr.

✚**North Carolina**—Linville River Ry.—This company has awarded a contract to W. S. WHITING, Elizabethton, Tenn., for the construction of a railway from Montezuma to Fascoe, N. C., about 12 miles.

Georgia—East Georgia Ry.—This company has been granted a charter to construct an interurban railway from Glenville to Adabelle, about 30 miles, with a branch from Hagan to Claxton. H. P. Talmage, C. J. Baldwin and E. Leffler are among the incorporators. Noted Apr. 8.

Florida—Orlando Interurban Traction Co.—According to press reports this company has abandoned the project to construct an electric railway to connect Orlando, Kissimmee and Sanford. Noted Apr. 17, 1913.

Florida—The Southern Investment Co. contemplates the construction of a railway from Placida to Venice, Fla., about 22 miles. Langbourne M. Williams, Richmond, Va., is Pres.

Alabama—Lauderdale Power Co.—This company has been incorporated to construct an electric railway from Florence to Huntsville, Ala., about 75 miles. Alan Jemmison, Birmingham, is Pres. Noted Mar. 25.

Louisiana—The Cady Lumber Co., McNary, La., is having surveys made for the construction of a railway to connect with the Texas & Pacific and the Rock Island lines at Lamourie, La.

Tennessee—Knoxville Ry. & Light Co.—Plans are being considered by this company to reconstruct its line on Cumberland Ave., from Ninth St. to the city limits of Knoxville. T. C. Kelly, Knoxville, is Supt. Ry.

✚**Tennessee**—Tennessee Ry.—A contract has been awarded by this company to J. C. RODES & CO., Franklin, for the extension of its line toward Petros, Tenn., about 11 miles.

✚**Kentucky**—Louisville & Nashville R.R.—This company has awarded a contract to GRANT MASON, Pineville, Ky., for the extension of its Martins Fork to Grays Branch.

Ohio—Dennis Dwyer, Dayton, is interested in the construction of an electric railway from Dayton to St. Marys.

Indiana—Evansville & New Harmony Traction Co.—This company has arranged with the M. A. Peoples Co., Chicago, Ill., for financing and constructing its proposed electric railway from Evansville to New Harmony, Ind., about 30 miles. C. J. Seibert, Evansville, is Gen. Mgr. Noted Dec. 3.

Illinois—Lincoln Ry. & Light Co.—Plans are being considered by this company for the reconstruction of its line on Union St. from Broadway to Tremont St. A. R. Thomas, Lincoln, is Mgr., Pur. Agt. and Supt.

Kansas—Hutchinson Interurban Ry.—The City Council of Hutchinson has granted a franchise to this company to extend its line on Second St. from Main St. to a point east of Walnut St. James E. Humbert, Hutchinson, is Gen. Mgr. and Pur. Agt. Noted July 1.

Kansas—Newton, Kansas & Nebraska Ry.—This company has been granted permission by the Kansas Public Utilities Commission to issue stock for the construction of its proposed railway from Newton through Harvey, McPherson, Dickinson, Saline, Clay and Washington Counties, about 142 miles.

Missouri—United Rys.—Plans are being prepared by the company for the reconstruction of its line on Olive St. from 14th St. to Boyle Ave., St. Louis. Robert McCulloch, St. Louis, is Pres., Gen. Mgr. and Pur. Agt.

Arkansas—According to press reports, A. V. Alexander, 317 West Second St., Little Rock, is interested in the construction of a railway from Yellville, Ark., to the Rush Creek mining district, about 14 miles.

Arkansas—Cache Valley R.R.—A movement has been started by the Chamber of Commerce of Paragould, Ark., to purchase this company's line, running from Sedgwick to Light, Ark., and to extend it to Paragould.

Arkansas—Cotton Plant & Southwestern R.R.—Plans are being considered by this company for the construction of a railway from Cotton Plant to Kramer, about 25 miles. E. C. Nelson and W. R. Satterfield, Helena, Ark., are interested.

Arkansas—Hoxie Electric Ry.—This company is preparing plans to revive the project to construct an electric railway from Hoxie to Calico Rock, Ark. J. W. Myers, Calico Rock, is interested. Noted Mar. 4.

Arkansas—Intercity Terminal Ry.—This company has been incorporated to construct an electric railway from Little Rock to Argenta, Ark. C. C. Kavanaugh is Pres., E. W. Jackson, Vice-Pres., and F. J. Schmutz, Secy.

✚**Arkansas**—Ozarks Ry.—The BLODGETT CONSTRUCTION CO., Kansas City, Mo., has been awarded the contract by this company for the construction of its railway from Mountain Home to Rothville townsite, about 15 miles.

Texas—Brownsville St. Ry.—Plans are being considered by this company for the extension of its line in Brownsville to a connection with the Rio Grande R.R. It is reported that the Rio Grande R.R., which runs from Brownsville to Point Isabel, about 22 miles, will be rehabilitated and equipped for electric transit.

Texas—Corpus Christi Ry. & Light Co.—This company proposes to extend its lines over a distance of four miles. D. R. Locher is Gen. Mgr.

Texas—Corpus Christi-Ward Island Interurban Ry.—This company has started preliminary arrangements for the construction of its proposed electric railway from Corpus Christi to Ward Island, about seven miles. J. H. Caswell, San Diego, Tex., is interested.

✚**Texas**—Oklahoma & Texas Southern Ry.—This company has awarded a contract to WARD & LEE, Floresville, Tex., for the construction of part of its proposed railway which will connect Denton and Buckburnette, Tex., and Ft. Smith, Ark., about 450 miles. W. R. Heagler, Potosi, Mo., is Ch. Engr. Noted June 10.

Oklahoma—Oklahoma Ry.—This company plans to reconstruct its line on Broadway and on East Fourth St., Oklahoma. George W. Knox, Oklahoma, is Vice-Pres. and Gen. Mgr.

California—The City Council of Los Angeles has authorized the Board of Public Works to advertise for bids on a street railway franchise on South Park Ave.

LIGHT, HEAT AND POWER

Belleville, N. J.—The Sleeth Mfg. Co., manufacturer of wire specialties, will build a new boiler house at its plant on Cortlandt St., Belleville.

✚**Newark, N. J.**—The Board of Education has awarded the contract for a heating plant in the new school on Oliver St. to JAMES F. KELLY, 126 South 14th St., Newark, at $20,466.

Spray, N. C.—The Thread Mills Co. is having plans prepared for the construction of a 3000-hp. electric power plant in Spray. F. P. Sheldon & Son, Industrial Trust Bldg., Providence, R. I., is Arch. and Engr.

Wake Forest, N. C.—An election will be held July 27 for the purpose of voting for a bond issue of $10,000, the proceeds of which will be used for the improvement and extension of the municipal electric-lighting system. J. L. Bullard is Supt. of the plant.

Orangeburg, S. C.—At an election held June 29 the citizens voted in favor of issuing $15,000 in bonds, the proceeds of which will be used for the improvement of the municipal electric-light plant. Noted June 17.

Clarksdale, Miss.—It is reported that the city has voted to issue $150,000 in bonds, a part of which will be used for the enlargement of the municipal electric-light plant. W. B. Perkins is Chn. of the Light Com.

Danville, Ky.—The Danville Electric Light & Power Co. plans an expenditure of $20,000 for the improvement of its plant

Henderson, Ky.—The Henderson Traction Co. is considering the improvement of its power plant.

Ashtabula, Ohio—Bids will be received until July 29 by Charles E. Peck, Clk., Bd. of Education, for the construction of a central heating plant for several school buildings.

Cincinnati, Ohio—(Official)—Bids will be received until noon, July 23, by the Board of Commissioners of Hamilton County for the removal of three boilers from the old Court House, Main and Sycamore St., Cincinnati, and installing the same in the Hamilton County Infirmary, Carthage, Cincinnati. Fred E. Wesselman is Pres. of the Bd.

Cleveland, Ohio—Bids will be received by the Commissioner of Purchases and Supplies, Room 511, City Hall, until noon, July 23, for furnishing fiber conduit for the municipal electric light department.

Cleveland, Ohio—(Official)—Bids will be received until 1 p.m., Aug. 2, by the Clerk of the Board of Education, Rockwell Ave. and East Sixth St., for new boiler and new steam fitting in the East Technical High School, Scovill Ave. and East 55th St. Frank G. Hogen is Dir. of Schools.

Troy, Ohio—The County Commissioners have approved the plans of C. F. Bowdle, Piqua, for the construction of an addition to the power plant at the courthouse. The estimated cost is $10,000.

Wellsville, Ohio—Bids will be received by J. F. McQueen, City Audr., until Aug. 7 for the purchase of $60,000 in bonds, the proceeds of which will be used for the construction of a municipal electric-light plant. Noted June 24.

†Batesville, Ind.—(Official)—See item under "Water Supply —Irrigation."

Greencastle, Ind.—Bids will be received until 2 p.m., July 21, by C. E. Talkington, Supt., Greencastle, for two engines, two 250-hp. boilers, two generators and accessories for the power plant at the State Farm.

North Vernon, Ind.—The city plans to install an additional engine and generator and to remodel the municipal electric-light plant at a cost of about $15,000. A. B. Berkshire is Supt.

Springfield, Ill.—Bids will be received until July 26 by Frank D. Whipp, State Fiscal Supvr., for the construction of power houses at the State Hospitals at Dunning and Elgin. James B. Dibelka, 130 North Fifth Ave., Chicago, is State Arch.

Lakefield, Minn.—Bids will be received until July 31 by the Village Recorder for the construction of an addition to the building of the municipal electric-light plant, and installing new equipment, including 125-hp. boiler, concrete chimney, generator, switchboard, etc. Earle D. Jackson, Capital Bank Bldg., St. Paul, is Consult. Engr. Noted July 1.

St. Paul, Minn.—Plans are being prepared by Charles L. Pillsbury, Minneapolis, for the construction of a power plant at St. Joseph's Hospital. The estimated cost is $50,000.

Warren, Minn.—Bids will be received until July 22 by G. O. Gross, City Recdr., for the construction of an addition to the municipal power house and installing some new equipment, including generator, switchboard, etc. Earle D. Jackson, St. Paul, is Consult. Engr. Noted July 1.

Canton, Kan.—Press reports state that work will soon be started on the construction of a power house and electric-light plant.

Larned, Kan.—Bids will be received until July 19 by the City Council for the construction of an electric-light plant. Worley & Black, 301 Reliance Bldg., Kansas City, Mo., is Engr.

Robinson, Kan.—At a recent election the citizens voted in favor of the question of issuing $10,000 in bonds, the proceeds of which will be used for the construction of a power plant and the installation of an electric-lighting system.

†Dakota, Neb.—It is reported that a contract for the construction of a municipal electric-light plant has been awarded to the JOHNSTON ELECTRIC CO., 1207 Harney St., Omaha. H. J. Ryan, Sioux City, Iowa, is Engr.-in-Charge.

Fullerton, Neb.—A bond issue of $28,000 has been voted, the proceeds of which will be used for the installation of a municipal electric-light plant.

Lincoln, Neb.—Bids will be received by L. Mathews, Secy., Bd. of Comrs., State Institutions, until 1:30 p.m., July 21, for the construction of an addition to the power plant at the State Penitentiary and Hospital for Insane.

Minot, N. D.—The Consumers Power Co. plans an expenditure of about $75,000 for the construction of an addition and alterations to the power house. It will also install additional boilers, engines and other machinery.

Cassville, Mo.—Press reports state that the Cassville Mill & Power Co. is considering the construction of a power house.

Drexel, Mo.—The City Council plans to install a municipal electric-light plant to cost about $10,000.

Pleasant Hill, Mo.—It is reported that the Rawls Electric Light & Power Co., successor to the Reader Co., plans the reconstruction of the light plant. The estimated cost is $10,000.

St. Joseph, Mo.—An election will soon be held to vote on the question of issuing $75,000 in bonds, the proceeds of which will be used for the improvement of the electric-light plant.

Brownwood, Tex.—The Central Texas Gas Co., recently organized with a capital stock of $150,000, will install natural-gas systems in a number of towns in the vicinity of Brownwood. The gas will be obtained from the Bangs field.

Bixby, Okla.—The City Council has decided to call an election to vote on the question of issuing $4000 in bonds, the proceeds of which will be used for the construction of a municipal electric-light plant.

Coeur d'Alene, Idaho—The City Council has authorized the Light Committee to ask the Public Utilities Commission for permission to build and operate a municipal electric-light plant.

Wallace, Idaho—John H. Wourms and associates have been granted a franchise for the installation of a gas plant in Wallace.

Tacoma, Wash.—Press reports state that the Tacoma Smelting & Refining Co. will construct a new power house. W. R. Rust is Pres.

Orillia, Ont.—The Orillia Water, Power & Light Commission is having plans prepared for the installation of an electric power system. C. E. Grant is Clk.

BRIDGES

Manchester, N. H.—The city contemplates the construction of a reinforced-concrete bridge at Elm St.

Winnisquam, N. H.—Storrs & Storrs, Concord, is preparing plans for the construction of a 450-ft. steel bridge with a concrete slab floor over the outlet of Lake Winnisquam. The estimated cost is $40,000.

†Springfield, Mass.—(Official)—The general contract for the construction of the Plainfield St. Bridge over the tracks of the Boston & Maine R.R. has been awarded to the JOBSON-GIFFORD CO., 30 East 42d St., New York, N. Y., at $25,350. The contract for furnishing the structural steel has been awarded to the AMERICAN BRIDGE CO., 120 Franklin St., Boston, at $12,450. Noted June 24.

Kingston, N. Y.—The construction of a viaduct in Kingston is contemplated. The estimated cost is $97,489, to be borne by the city, the Ontario & Western and the Ulster & Delaware railroads and the state.

LaSalle, N. Y.—The Village Board contemplates the construction of a viaduct over the railroad tracks at Hamilton Ave. The estimated cost is $15,000.

Utica, N. Y.—Charles Kiehm, Consult. Engr., Utica, has been engaged to prepare plans for a bridge across the Mohawk River between Utica and Deerfield at North Genesee St. The estimated cost is $75,000. Noted July 1.

★Matawan, N. J.—(Official)—Bids will be received until 11 a.m., Aug. 4, by the Board of Chosen Freeholders of Monmouth County, Court House, Freehold, for the construction of a Strauss trunnion bascule bridge over Matawan Creek, on the South Amboy-Keyport Rd. George D. Cooper, 60 Broad St., Red Bank, is County Engr. Charles E. Close, 41 Main St., Matawan, is Clk. Bd. of Freeholders. Noted May 13 and July 8 under Keyport, N. J.

West Milton, Penn.—Press reports state that the Philadelphia & Reading Ry. will build a new bridge at West Milton to replace the present structure. A new site will probably be chosen in order to eliminate a dangerous curve at this point. The estimated cost of the bridge is $150,000. S. T. Wagner, Philadelphia, is Ch. Engr.

Wilkes-Barre, Penn.—The Luzerne County Court has approved the plans for the construction of the proposed bridge over the Susquehanna River at West Market St. The estimated cost is $500,000.

York, Penn.—Bids will be received until July 19 by F. S. Bartenschlager, Controller of York County, for the construction of an 80-ft. steel bridge over Bad Run in Washington Township, and for a 40-ft. reinforced-concrete arch, with parapet and wing walls, over Cabin Creek near East Prospect.

Baltimore, Md.—The lowest bid received by the State Roads Commission for resurfacing the approaches to the Dover Bridge, Talbot and Caroline Counties, was that of Austin Bennett & Co., Baltimore, at $9212 for concrete, and $8708 for macadam.

Rocky Mount, Va.—(Official)—Bids will be received until noon, July 23, by the Clerk of the Circuit Court of Franklin County for the construction of a 110-ft. bridge over Maggoty Creek, about four miles from Wirtz. G. P. Coleman, Richmond, is State Highway Comr.

†Grafton, W. Va.—The Commissioners of Taylor County have awarded the contract for the construction of a new bridge over the Tygarts Valley River to the LUTEN BRIDGE CO., Clarksburg, at $50,600. It will be a six-span reinforced-concrete structure 560 ft. long.

Rainelle, W. Va.—(Official)—All bids received July 6 by the Greenbrier County Court, Lewisburg, for the construction of three steel or reinforced-concrete bridges near Rainelle were rejected. The Commissioners have placed an engineer in charge and will build the bridges themselves. John S. Crawford is Clk. Noted June 24.

†Asheville, N. C.—The Board of Commissioners of Buncombe County has awarded the contract for the construction of three bridges to the ROANOKE BRIDGE & IRON CO., Roanoke, Va., at $4030, and a contract for three bridges to the NASHVILLE BRIDGE CO., Nashville, Tenn., at $4865.

Athens, Ga.—It is reported that the Commissioners of Clarke County are considering the reconstruction of the Princeton Bridge by placing a new steel superstructure on the present foundations. The estimated cost is $4000.

Miami, Fla.—It is reported that an election will be held Aug. 19 to vote for an issue of $150,000 in bonds, the proceeds of which will be used for the construction of two bridges across the Miami River. Estimated cost, $75,000 each. B. H. Klyce is Engr.

Pineville, Ky.—Bids will be received by the County Commissioners until July 17 for the construction of a bridge over the Cumberland River, consisting of two 150-ft. spans and one 50-ft. span.

Meridian, Miss.—The City Council contemplates an expenditure of $15,000 for the construction of a concrete bridge.

Ashland, Ohio—Bids will be received by B. Welty, Clk., Bd. of County Comrs., until noon, Aug. 6, for constructing and repairing seven bridges in various townships.

✚Bucyrus, Ohio—The Board of Commissioners of Crawford County has awarded contracts for the construction of the Mary St. Bridge, Bucyrus, to MARTIN TEYNOR at $4900 for the substructure, and to the ELKHART BRIDGE & IRON CO. at $1498 for the superstructure. Contracts for the Parcher Bridge over the Sandusky River in Dallas Township were awarded to BRADY, O'CONNELL & MALLOY, Marion, at $8544 for substructure and fill, and to the ELKHART BRIDGE & IRON CO., at $5658 for the superstructure. Noted May 27.

Carrollton, Ohio—Bids will be received until Aug. 2 by the Board of Commissioners of Carroll County for rebuilding the bridge over Big Sandy Creek, west of Magnolia, Rose Township. S. G. Shotwell is Pres.

Columbus, Ohio—(Official)—Bids will be received until noon, July 30, by the Board of Commissioners of Franklin County for the following bridge work: Building approaches to the Schrock Bridge over Alum Creek on the Schrock Rd., Blendon Township; removing and reërecting the Third Ave. Bridge over the Olentangy River on the Eberly Rd. over Alum Creek, Truro and Madison Townships; construction of the substructure, superstructure and roadway of the Eberly Bridge over Alum Creek, Truro and Madison Townships. John Scott is Clk. of Comrs.

Dayton, Ohio—Plans are being prepared by the City Commissioners for the construction of new bridges at Keowee, Fifth and Webster St., to replace those washed away by the floods of 1913. The estimated cost is $70,000, $125,000 and $100,000 respectively. E. C. Cummin is City Engr.

Lebanon, Ohio—(Official)—Bids will be received until 11 a.m., Aug. 2, by the Board of Commissioners of Warren County for the construction of creosoted plank and block floors on two bridges, one over Clear Creek on the Union Rd., Franklin Township, and the other over the Little Miami River in the Village of South Lebanon, Union and Hamilton Townships. John M. Mulford is County Audr. and Clk. of Comrs.

Marietta, Ohio—Bids will be received until July 20 by the Board of Commissioners of Washington County for the construction of the Forshey Bridge on Fleming Rd., Adams Township, and the Weir Bridge in Decatur Township. W. B. Alexander is County Audr.

Newark, Ohio—Bids will be received until July 24 by the Board of Commissioners of Licking County for the construction of a bridge over Dry Creek in Newton Township on the Newark-Mt. Vernon Rd. The work will include extending and repairing the present wings and abutments, 104-ft. steel superstructure with 18-ft. roadway, paved with reinforced concrete. J. W. Hursey is County Audr.

Portsmouth, Ohio—W. F. Nugent, Louisville, at $119,946, submitted the lowest bid for the construction of the Lawson Run Viaduct over the tracks of the Norfolk & Western Ry. Noted June 24.

Strasburg, Ohio—The Board of Commissioners of Tuscarawas County, New Philadelphia, has decided to replace the present wooden bridge over Sugar Creek near Strasburg with a 100-ft. steel structure. The estimated cost is $4500. The present piers will be used.

Toledo, Ohio—Bids will be received until 10 a.m., Aug. 6, by Charles J. Sanzenbacher, Audr., Lucas County Comrs., for the construction of three bridges and new abutments.

✚Bloomington, Ind.—(Official)—The contract for the construction of the Willard Farr Steel bridge in Bloomington Township has been awarded to the SULLIVAN BRIDGE CO., Sullivan. Noted June 24.

Indianapolis, Ind.—The Board of Public Works received bids June 28 for the construction of a three-arch reinforced-concrete bridge over Fall Creek at North Meridian St., as follows: Marsch-Cleary-White Construction Co., Chicago, Ill., $144,700; Dunn-McCarthy Construction Co., $146,378; Hickey Bros., St. Louis, Mo., $170,239; Mansfield Engineering Co., $172,789; Hackedorn Construction Co., $179,819; A. J. Yawger Co., $182,734; Carmichael-Cryder Co., St. Louis, $187,400; Kuert Contracting Co., Indianapolis, $198,700. B. J. Jeup is City Engr. Noted June 17.

✚Lawrenceburg, Ind.—The OREGONIA BRIDGE CO., Lebanon, Ohio, at $19,335, has been awarded the contract for the construction of a bridge over the White River.

✚Madison, Ind.—The Jefferson County Commissioners have awarded the contract for the construction of a bridge to the EAST ST. LOUIS BRIDGE CO., East St. Louis, Ill.

✚Springfield, Ill.—(Official)—The State Highway Department has awarded the contract for the construction of a 155-ft. steel bridge in Bernadotte Township, Fulton County, to the CENTRAL STATES BRIDGE & IRON CO., Indianapolis, Ind., at $4888. Other bidders were: Joliet Bridge & Iron Co., $5264; East St. Louis Bridge Co., $5190; Porter McCullough Construction Co., $5270; Decatur Bridge Co., $4985; Illinois Steel Bridge Co., $4981. Noted June 24.

Eagle Point, Wis.—An election will soon be held to vote on the question of issuing $21,000 in bonds, the proceeds of which will be used for the construction of a bridge over the Chippewa River at Cobban.

✚Milwaukee, Wis.—FRANK LUENZMANN, at $4711, has been awarded the contract for the construction of a temporary bridge across the tracks of the Northwestern Ry.

Dubuque, Iowa—Bids will be received until July 20 by the Board of Supervisors of Dubuque County for the construction of 75 bridges and culverts in the county. W. B. Turlay is County Engr. John Ingram is County Audr.

✚Red Oak, Iowa—The Commissioners of Montgomery County have awarded the contract for the construction of steel bridge with a 100 ft. main span, two 20-ft. approaches and a 16-ft. roadway over Modaway River, Grant Township, to the RED OAK BRIDGE & IRON WORKS.

✚Cannon Falls, Minn.—JOHNSON & DRAKE, Minneapolis, has been awarded the contract for the construction of a reinforced-concrete bridge consisting of three 60-ft. spans of the arch rib type. The WALES, CAMPBELL CO., Minneapolis, was awarded the contract for a bridge with two 67-ft. girder spans estimated to cost $25,000. Noted June 10 and 17.

Sioux City, Iowa—It is reported that the City Council is considering the construction of a bridge across Floyd River at 37th St.

✚St. Paul, Minn.—The contract for the construction of a bridge on Wheelock Parkway across the tracks of the Minneapolis, St. Paul & Sault Ste. Marie Ry. has been awarded to A. H. HEINBACH, at $6750.

Hill City, Kan.—Bids will be received until July 16 by J. C. Herman, Clk. of Graham County, for replacing three bridges and the construction of three new ones.

Minneapolis, Kan.—(Official)—Bids will be received until noon, July 16, by the Commissioners of Ottawa County for the construction of a 90-ft. steel bridge with concrete floor and reinforced-concrete abutments over the west branch of Pipe Creek, Logan Township, Ottawa County.

Wichita, Kan.—It is reported that the Commissioners of Sedgwick County will soon ask for bids for the construction of two reinforced-concrete bridges, one over the drainage canal on 21st St. to cost about $8000, and the other over Jester Creek in Valley Center Township, estimated to cost $4500.

Kearney, Neb.—It is reported that the Commissioners of Buffalo County contemplate the construction of five bridges.

Hardin, Mont.—Bids will be received until July 21 by R. P. Ross, Clk. of Big Horn County, for the construction of three bridges, one over the Little Big Horn River on the Sarpy Rd., one over the same stream near Wyola, and the third over the Big Horn River, about 1½ miles northeast of Hardin. Noted June 10 and 24.

✚Clinton, Mo.—The Commissioners of the Henry County Court have awarded the contract for the construction of a 150-ft. bridge over the Grand River to the CANTON BRIDGE CO.

Kansas City, Mo.—The City Council proposes to sell bonds for $400,000, the proceeds to be used for the construction of the 12th St. viaduct approaches.

Maryville, Mo.—Press reports state that plans are being prepared for the construction of four bridges. Fred Yoeman is Clk. of Nodaway County.

Oak Grove, Mo.—Bids will soon be received for the construction of a concrete bridge over a creek on the new Oak Grove Mecklin Rd. The estimated cost is $6000.

Poplar Bluff, Mo.—Bids will be received until July 19 by John H. Greason, Engr., Butler County Drainage Dist. No. 10, Court House, Poplar Bluff, for the construction of 28 steel bridges in connection with nine drainage canals in the district. J. O. Chambers is Clk. of County Court.

✚St. Louis, Mo.—(Official)—The contract for 23,000 tons of structural steel for the Illinois approach of the Municipal Bridge has been awarded to the AMERICAN BRIDGE CO. Estimated cost, $1,035,000. Noted July 8.

✚Portland, Tex.—It is reported that W. T. MONTGOMERY, San Antonio, at $8761, has been awarded the contract for the construction of a concrete bridge and culverts from Sap Depot to the north line of the district.

✚La Junta, Colo.—(Official)—The Board of Commissioners of Otero County Courthouse has awarded the contract for the construction of a bridge across Anderson Arroyo on Fifth St. to the PUEBLO BRIDGE CO., Pueblo, at $6640. Noted June 24.

✚Ribera, N. M.—The contract for the construction of a 14-ft. steel bridge over the Pecos River has been awarded to the MISSOURI VALLEY BRIDGE CO., Leavenworth, Kan., at $5500.

Colville, Wash.—Bids will be received until July 19 by the Commissioners of Stevens County for the construction of a steel truss highway bridge near Kettles Falls. The estimated cost is $16,000.

Davenport, Wash.—It is reported that Lincoln County will spend about $50,000 in the construction of new bridges this year. Guy H. Harvey is County Engr.

✚Elma, Wash.—The Commissioners of Chehalis County, Montesano, have awarded the contract for the construction of a 255-ft. steel bridge over the Chehalis River near Elma to the COAST BRIDGE CO., Portland, Ore., at $11,000. Other bidders were: T. H. Clingan, Seattle, $11,360; Charles G. Huber, Seattle, $12,395; Portland Bridge Co., Portland, Ore., $12,483; Illinois Steel Bridge Co., Spokane, $13,640; Portland Bridge & Iron Co., Portland, Ore., $13,990.

Kettle Falls, Wash.—Bids will be received until July 19 by the Auditor of Stevens County, Colville, for the construction of a steel truss bridge near Kettle Falls.

Seattle, Wash.—The lowest bid received by the Commissioners of King County for the construction of the Stossel Bridge was that of A. H. Cox & Co., 309 First Ave. S., Seattle, at $14,735. The bridge will be a 209-ft. steel span. Noted June 17.

Tacoma, Wash.—It is reported that bids will be received about July 21 by Owen Woods, Comr. of Pub. Wks., for the construction of a wooden bridge across the gulch on 34th St. It will cost about $14,000. Noted May 27 and June 10.

Portland, Ore.—(Official)—Bids will be received by A. L. Barbour, City Audr., until noon, July 26, for the construction of a reinforced-concrete viaduct and approaches over the Troutdale Branch of the Oregon-Washington R.R. & Navigation Co. The estimated cost is $53,000. Noted July 1.

✚Burlingame, Calif.—Press reports state that the City Trustees have awarded the contract for the construction of eight bridges to EATON & SMITH, at $20,072. Noted May 27.

Marysville, Calif.—The Board of Supervisors of Yuba County have accepted plans for the construction of three bridges on the State Highway between Wheatland and Morrison's Crossing. The estimated cost is $15,000.

Red Bluff, Calif.—The Board of Supervisors of Tehama County has rejected all bids received June 29 for the con-

struction of three steel or concrete bridges, a 2200-ft. bridge across Sand Slough, a 450-ft. bridge across Samson Slough and a 600-ft. bridge across Payne Creek. The work will be readvertised. Noted June 24.

San José, Calif.—Bids will be received by the Board of Supervisors of Santa Clara County until 11 a.m., July 19, for the construction of two reinforced-concrete bridges on Alviso Rd.

✚**Quebec, Que.**—The City Council has awarded the contract for the construction of a steel bridge at Stadacona Rd. to the EASTERN CANADA STEEL & IRON CO., Montreal, at $116,000. Noted Aug. 13.

WATER SUPPLY—IRRIGATION

Boston, Mass.—(Official)—Bids will be received until noon, July 20, by the Commissioner of Public Works, Room 511 City Hall Annex, for laying water mains in C, South Boston, Albany, Bristol, Endicott, Federal, Green, Haverhill, Leverett, Norway and Stillman St. Patrick O'Hearn is Act. Comr. of Pub. Wks.

✚**Boston, Mass.**—The contract has been awarded to the DAVIS FOUNDRY CO., for furnishing 300 c.-i. gate boxes for the Water Department.

Lenox, Mass.—According to press reports the Lenox Water Co. has postponed the construction of a reservoir. Noted Oct. 8 and June 24.

South Hadley Falls, Mass.—The town has been advised by the State Board of Health to either secure a new water supply or filter its present supply.

★**Hartford, Conn.**—(Official)—Bids will be received until 3 p.m., Aug. 2, by the Board of Water Commissioners for the construction of the Richards Corner dam, compensating reservoir in New Hartford under Contract No. 10. Caleb Mills Saville is Ch. Engr.

Lewiston, N. Y.—Bonds for $29,000 have been voted by the citizens, the proceeds of which will be used for the construction of a water system. Noted Feb. 25 and July 1.

Youngsville, N. Y.—Bonds for $28,000 have been voted by the citizens, according to press reports, the proceeds of which will be used for the construction of a water system.

Jersey City, N. J.—According to press reports bids will soon be received for the construction of a 72-in. steel pipe line 11 miles long. Charles A. Van Keuren is City Engr. Noted Feb. 11 and June 10.

West Orange, N. J.—William B. Fuller, Consult. Engr., in a final report on the water question to the West Orange Town Council recommended the purchase of the present distributing system of the West Orange Water Co., at an estimated cost of $201,625. Improvements will cost $250,000. Noted Apr. 1.

Altoona, Penn.—(Official)—Bids are being received by the Allegheny Water Co. for an auxiliary pumping station for the water system. Chester & Fleming, Pittsburgh, is Engr. Noted Nov. 12.

Gallitzin, Penn.—(Official)—Bids will be received until July 24 by Harry F. Conrad, Borough Secy., for constructing a storage reservoir on Gum Tree Rd. D. W. Dillman, 47 Altoona Trust Bldg., Altoona, is Engr. Noted Jan. 21 and Apr. 29.

Langhorne, Penn.—Bids will be received until July 20 by H. J. Briggs, Secy., Langhorne Spring Water Co., for constructing a filtration plant with a daily capacity of 300,000 gal. William H. Boardman, 426 Walnut St., Philadelphia, is Engr. Noted July 8.

Boonsboro, Md.—Official)—Plans have been approved by the State Department of Health for the construction of a new water supply pipe line.

Chestertown, Md.—(Official)—Permission has been granted by the State Department of Health for the issuance of $12,000 in bonds, the proceeds of which will be used for the improvement of the water system. Noted Jan. 7.

New Windsor, Md.—(Official)—The State Department of Health has approved plans for the extension of the water system.

Alexandria, Va.—Extensions will be made to the water system. The Common Council has authorized a loan of $50,000, part of which will be used for the extension.

Salisbury, N. C.—An election will be held Aug. 7 to vote on the question of issuing $125,000 in bonds, the proceeds of which will be used for the construction of a water plant at the north fork of the Yadkin River. Noted May 6.

Orangeburg, S. C.—Bonds for $15,000 have been voted by the citizens, the proceeds of which will be used for the construction of a water system. Noted Mar. 18 and June 17.

Tallapoosa, Ga.—Bonds for $35,000 have been voted by the citizens, the proceeds of which will be used for the purchase of the privately owned water system and for its improvement, for which $10,000 will be spent. Noted May 20 and June 10.

Ocala, Fla.—Bonds for $155,000 have been sold. The proceeds will be used for the improvement of the water and sewer systems. Twombly & Henney, 55 Liberty St., New York, N. Y., is Engr. Noted Mar. 18 and June 24.

St. Peteraburg, Fla.—An election will be held to vote on the question of issuing bonds, the proceeds of which will be used for the extension of the water system and the sewer system and for waterfront improvements.

Gretna, La.—An election will be held to vote on the question of issuing bonds for $50,000, the proceeds of which will be used for the construction of a water system. Noted June 17.

✚**Maryville, Tenn.**—(Official)—The contract has been awarded to R. E. OLIVER, Maryville, at $49,356, for constructing a water system. W. A. McTeer is Recdr. Noted Apr. 29 and July 1.

Covington, Ky.—Bids will be received until 10 a. m., July 29, by J. Mason Howk, Comr. of Pub. Property, for laying pipe trenching and back filling for 10,950 ft. of 24-in. water mains.

Erlanger, Ky.—Press reports state that the Erlanger Improvement Association plans to extend the water main from Ft. Mitchell to Erlanger at an estimated cost of $30,000.

Ashtabula, Ohio—(Official)—Chester & Fleming, Pittsburgh, Penn., has been retained by the Ashtabula Water Supply Co. to prepare plans for the construction of a 10-in. water line under the Ashtabula River. Noted July 1.

Bedford, Ohio—Bids will be received until July 19 by H. T. Hubbell, Village Clk., for furnishing and laying water mains in Tarbell and Enniss Ave., Jefferson and Harriman St.

Cambridge, Ohio—Bids will be received until Aug. 5 by the city for constructing a 200,000,000-gal. reservoir, a water filtration plant, a new pumping engine and laying about nine miles of water mains. The W. J. Sherman Co., Nasby Bldg., Toledo, is Engr. Noted Feb. 4.

Cincinnati, Ohio—(Official)—Bids will be received until noon, July 22, by the Director of Public Safety for laying water mains in connection with the high pressure fire service. Edward P. Durr is Secy.

Cincinnati, Ohio—The city plans to build tanks to conserve the water supply and to construct a 20-in. main in Broadway and Reading Rd. to connect the high service pipes on the hilltops with the high pressure pipes in the bottoms for the fire service.

Cleveland Heights, Ohio—(Warrensville post office)—Bids will be received until noon, Aug. 16, by H. H. Canfield, Clk., for constructing 12-in. c.-i. water mains in Warrensville Center Rd. F. A. Pease Engineering Co. Marshall Bldg., Cleveland, is Engr.

Columbus, Ohio—Bids will be received until noon, July 27, by George A. Borden, Dir. of Pub. Service, for furnishing and constructing water tube boilers, steam and feed water piping, grease extractor and mechanical stokers for the Scioto River pumping station.

Linden Heights, Ohio—(Official)—At the recent election the citizens voted against the question of issuing bonds for $20,000 for the construction of a water system. Noted June 24.

✚★**Rittman, Ohio**—(Official)—The contract has been awarded to C. A. PIERCE, Rittman, at $40,000, for constructing a water system. Vance Hickin is City Clk. Noted June 17.

✚★**Rittman, Ohio**—(Official)—The contract has been awarded to the BESSEMER GAS ENGINE CO., Cleveland, at $4000, for furnishing pumping equipment for the water-works. Noted June 17.

✚**Shadyside, Ohio**—(Official)—The contract has been awarded to HARPER & STEWART, Bellaire, at $33,233, for constructing a water system. A. J. Harbaugh, Shadyside, is Engr. Noted Jan. 21 and July 1.

South Newburg, Ohio—(Cleveland post office)—(Official)—Bids will be received until noon, Aug. 7, by H. H. Bohning, Clk., for the purchase of $26,662 in bonds, the proceeds of which will be used for the construction of water mains in Broadway and Winfall Ave.

Wellington, Ohio—(Official)—Bids will be received until noon, July 31, by E. E. Goodrich, Clk. Bd. of Pub. Affairs, for making improvements to the water system.

✚**Youngstown, Ohio**—The contract has been awarded to WILLIAM HENDERSON at $54,975, by the Board of Control for rebuilding the filter beds.

✚**Batesville, Ind.**—(Official)—The contract has been awarded to the HILLENBRAND CO., Batesville, at $12,600, for constructing an earth dam and for laying water mains and constructing 9000 ft. of electric transmission line. Charles Brossmann, Indianapolis, is Engr. and A. W. Ronweber is Secy. and Treas. Noted June 4 and July 1.

★**Rockford, Ill.**—(Official)—Bids will be received until 10 a.m., July 27, by the Purchasing Committee, at the office of the Water-Works Superintendent, for pumping equipment.

Viola, Ill.—Bids will be received until 8 p.m., July 19, by B. D. Baxter, Pres., Bd. of Local Imp., for constructing a 10-in. well. Terhune & Horton, Central National Bank Bldg., Peoria, is Engr. Noted Feb. 25.

Kenosha, Wis.—Bids will be received until 8 p.m., July 20, by the Board of Water Commissioners for constructing a new intake.

Sheboygan, Wis.—See item under "Sewers."

Denison, Iowa—(Official)—Bids will be received until 8 p.m., July 22, by E. F. Tucker, City Clk., for drilling an artesian well. The work consists of 100 ft. of 12-in. well, cased complete, 300 ft. of 10-in. well, cased complete, 300 ft. of 10-in. well cased complete and 1400 ft. of 8-in. hole. J. G. Thorne, 317 Howes Blk., Clinton, is Engr.

Keota, Iowa—(Official)—We have been advised that the awarding of a contract for the construction of a water system has been canceled, owing to recent rulings of the Supreme Court in regards to bond elections. The work will probably be readvertised about Sept. 1. Charles P. Chase, Clinton, is Engr. Noted July 8.

✚**Lowden, Iowa**—(Official)—Bids were received July 8 for constructing a water system as follows: W. D. LOVELL, Minneapolis, Minn., at $12,601 (awarded contract) for pipe line, elevated tank and tower and motor; Des Moines Bridge & Iron Works, $13,181; Alamo Engine & Supply Co., Omaha, Neb., $13,116; M. McEllicott, Evanstone, Ill., $13,569; C. W. Roland, Des Moines, $12,868; Ideal Heating Co., Davenport, $13,109; F. E. MYERS & BROS., Ashland, Ohio, at $370 (awarded contract) for deep well pump. Noted Apr. 22. J. G. Thorne, 317 Howes Blk., Clinton, is Engr.

Riverside, Iowa—(Official)—We have been advised that the awarding of a contract for the construction of a water system has been canceled, owing to recent rulings of the

Supreme Court in regards to bond elections. The work will probably be readvertised about Sept. 1. Charles P. Chase, Clinton, is Engr. Noted July 8.

Lakefield, Minn.—Bids will be received until July 28 by E. C. Anderson, Village Recdr., for making improvements to the water and electric-light systems. Earle D. Jackson, St. Paul, is Engr. Noted June 24.

†Thief River Falls, Minn.—(Official)—The contract has been awarded to the ROBINSO VAN ALSTINE CO., Grand Forks, N. D., at $8398, for repairing the water system. E. J. Overland is City Clk. Noted July 1.

Larned, Kan.—Bids will be received until July 19 by L. D. Burgess, City Clk., for making improvements to the water system. The work includes the following: Motor driven pumps, test boilers, steam and exhaust piping and auxiliary boiler room equipment and furnishing and constructing a stack.

Simpson, Kan.—Bonds for $12,000 have been voted by the citizens, the proceeds of which will be used for the construction of a water system. E. T. Archer & Co., Midland Bldg., Kansas City, Mo., is Engr. Noted June 24.

Spearville, Kan.—An election will be held to vote on the question of issuing $25,000 in bonds, the proceeds of which will be used for the construction of a water system. E. T. Archer & Co., Midland Bldg., Kansas City Mo., is Engr. Noted June 24.

Norfolk, Neb.—An election will be held July 31 to vote on the question of issuing $10,000 in bonds, the proceeds of which will be used for the extension of the water system.

Syracuse, Neb.—Another election will be held to vote on the question of issuing bonds, the proceeds of which will be used for the extension of the water system. Noted June 10.

★Sioux Falls, S. D.—(Official)—Bids will be received until July 26 by Walter C. Leyse, City Audr., for constructing a 1,200,000-gal. reinforced-concrete covered reservoir, a 350,000-gal. elevated tank and for pumping machinery. John Mundt is Comr. of Water-Wks.

Hettinger, N. D.—Bonds for $75,000 have been voted by the citizens. The proceeds will be used for the construction of a water system. C. H. Green, Spokane, Wash., is Engr.

†Cheyenne, Wyo.—(Official)—The contract has been awarded to the PITTSBURGH FILTER MFG. CO., Pittsburgh, Penn., at $81,900, for constructing a rapid sand filtration plant. Noted July 2.

Three Forks, Mont.—The City Council has retained Swearinger & McCulloch, Engr., Great Falls, to prepare plans for the construction of a water system for Three Forks. The estimated cost is $25,000, bonds for which have been voted.

Independence, Mo.—The County Court of Jackson County is negotiating with the city for an extension of the water mains to the Girls' Home.

St. Louis, Mo.—Bids will be received until noon, July 20, by the Board of Public Service for constructing a reinforced-concrete pipe tunnel between engine houses 1 and 2, Bessell's Point Pumping Station.

St. Louis, Mo.—Bids will be received until noon, July 20, by the Board of Public Service for laying about 23,000 ft. of water mains.

Star City, Ark.—According to press reports the city has granted a franchise to the Star City Water Co. to construct water and sewer systems. Water will be piped from Atkins Springs, about two miles. J. C. Hellums is one of the Comrs.

Houston, Tex.—(Official)—Bids will be received until 2 p.m., July 23, by the city for constructing two 50,000-gal. steel tanks.

Cœur d'Alene, Idaho—The City Attorney will make application to the Public Utilities Commission, Boise, for permission to construct a municipal water system.

Vernal, Utah—The supply pipe line of the water system will be extended five miles, according to press reports.

Phoenix, Ariz.—The City Commission contemplates installing a pure water supply. J. B. Girand is City Engr.

†Oroville, Wash.—The contract has been awarded to A. GUTHRIE & CO., St. Paul, Minn., at $600,000, by the East and West Okanogan Irrigation Project for constructing an irrigation system to water several thousand acres of land.

Seattle, Wash.—The City Council will construct water mains in North 28th St., Bradner Pl. and 29th Ave., at an estimated cost of $25,000. L. B. Young is Chn. Bd. of Pub. Wks.

Eastside, Ore.—The cost of constructing a water system has been estimated by S. B. Cathcart, City Engr., at between $25,000 and $40,000, according to the kind of pipe used. Noted July 1.

Doyle, Calif.—The Lassen Irrigation District has retained William Wells as engineer for its irrigation system. Elbert Howard is interested.

Oakdale, Calif.—Plans are being prepared for the Oakdale Irrigation District for the construction of an 8000-ft. tunnel to be bored through Cape Horn. The estimated cost is $50,000.

Montreal, Que.—Hering & Fuller, New York, N. Y., is preparing plans, according to press reports, for the construction of a mechanical filtration plant to increase the daily capacity from 50,000 to 100,000 gal. Noted June 17.

Lambeth, Ont.—J. A. Bell, St. Thomas, is preparing plans for a new water system, including a pumping plant, the estimated cost of which is $20,000.

Oakville, Ont.—Bids will be received until 8 p.m., July 26, by C. G. Marlatt, Chn. Water & Light Commission, for furnishing and installing one electrically operated turbine pump of 600 imperial gal. capacity against a head of 300 ft.

Ottawa, Ont.—Bids will be received until Aug. 3 by the City Clerk for constructing the overland pipe line. The estimated cost is $460,000. J. B. McRae, Ottawa, is Consult. Engr. Noted May 13.

Kamsack, Sask.—The citizens plan to spend $35,000 for the construction of a water system. H. H. Crawford is Clk.

SEWERS

†Portland, Maine—(Official)—The contract for sewer construction has been awarded to FERANTE PROFENNO CO., Portland, at $5363. Other bids were: Paolo De Biasa & Co., $6879; Petrantonio Pajio & Co., Informal; Forgione & Romano Co., $7052; Profensio & Larello, $5526; Rafalle Leo & Co., $5879. Noted July 1.

Andover, Mass.—Bids will be received until 5 p.m., July 17, by the Board of Public Works for the construction of approximately 15,422 ft. of sewers. Noted Apr. 22.

Boston, Mass.—Bids will be received until noon, July 16, by Patrick O'Hearn, Act. Comr. of Pub. Wks., for the construction of pipe sewers and drains in Cedric St., Roxbury, in Aldwin Rd. and Cornell St., West Roxbury.

Pittsfield, Mass.—The city has appropriated $10,000 for the construction of lateral sewer extensions.

†Greenwich, Conn.—(Official)—The contract for the construction of sewage-disposal works in East Port Chester Sewer District No. 9 has been awarded to DALY & MERRITT, Port Chester, N. Y. S. E. Minor is City Engr. Noted May 13.

New Haven, Conn.—(Official)—Bids will be received until 2 p.m., July 15, by the Director of Public Works for the construction of Whalley Ave. sewer. The estimated cost is $100,000. Noted July 1.

†Waterbury, Conn.—The contract for the construction of sewers in East Main, Chipman, Ridge St., in Congress and Yates Ave. has been awarded to the H. SPINACH CONSTRUCTION CO., at $6206.

New York, N. Y.—(Borough of Brooklyn)—(Official)—Bids will be received until 11 a.m., July 21, by L. H. Pounds, Borough Pres., for the construction of sewers in 15th St., Eight, Gravesend and Pennsylvania Ave.

New York, N. Y.—(Borough of Manhattan)—(Official)—Bids were received July 9 by Marcus M. Marks, Borough Pres., for the construction of sewers, (a) in East 41st St. and in Madison Ave., (b) in Wall St., as follows: Kingsbridge Contracting Co., (a) $144,404, (b) $13,252; L. E. Kelly, Inc., (a) $175,000, (b) $17,293; Henry E. Fox Construction Co., (a) $180,000; Rodgers & Haggerty, (a) $194,784; Battery Engineering & Construction Co., (a) $184,000; Fitzgerald & Brennen, (b) $12,353; P. L. Kearns Contracting Co., (b) $12,628; Merrill Ruckgaber, (b) Informal; J. J. Haiduveh, (b) $14,851; Patrick Reilly, (b) $12,906; Laconia Contracting Co., (b) $10,926; U. S. Drainage & Irregation Co., (b) $12,648; Lawrence Contracting Co., (b) $13,505; Melrose Contracting Co., (b) $11,462. Noted July 1.

Olean, N. Y.—The city has postponed the construction of the proposed sewers, estimated to cost $8000, for about one year. Noted Apr. 22.

†Scarsdale, N. Y.—(Official)—Bids were received June 22 by the Sewer Commissioners for the construction of sewer extensions as follows: (a) Division A, (b) Division B, (c) Division C, William R. Neely, Tarrytown, (a) $8297, (b) $6701; FRED E. GROSS & SON, Yonkers, (a) $8426 (awarded contract), (b) $6713, (awarded contract); Sound Engineering & Contracting Co., Inc., 1476 Broadway, New York, (a) $8723, (b) $7371; Lincoln Steele Fleming Co., 17 Madison Ave., New York (a) $9028, (b) $7985, (c) $43,589; Charles Smith, Pelham, (a) $9086, (b) $7682; F. A. Cianfaglione, Yonkers, (a) $9180, (b) $6929; Briggs & McLaughlin Contracting Co., 337 East 134th St., New York, (a) $9503, (b) $7875, (c) $40,481; Richards & Cestona, White Plains, (a) $9701, (b) $6845, (c) $53,074; DALY & MERRITT, Port Chester, (a) $9834, (b) $9552, (c) $31,964, (awarded contract); Frank George, White Plains, (a) $9910, (b) $7631, (c) $43,205; Joseph Dimando, Inc., Mamaroneck, (a) $10,175; John L. Hayes Construction Co., Yonkers, (a) $10,205, (b) $8493, (c) $42,483; Di Menna & Del Balso, 2336 Cambrelling Ave., New York, (a) $11,711; Mauro Paradiso, White Plains, (a) $12,452, (b) $7957, (c) $48,924; Charles E. Farrell Contracting Co., 1831 Southern Blvd., New York, (b) $8646; Engineers Estimate, (a) $10,263, (b) $8394, (c) $43,336. Waring, Chapman & Farquhar, 874 Broadway, New York, N. Y., is Consult. Engr. Noted June 17.

Edgewater, N. J.—Bids were received July 7 by the Town Council for the construction of sewer outlet No. 10 from B. Paddington & Co., $64,014, John J. McGarry, $47,119, and Edward English, $36,678.

Jersey City, N. J.—Plans are being prepared for the construction of a sewage-disposal plant at Fiske St. and Newark Bay. This is the first of the four to be constructed by order of the Board of Health. The estimated cost is $100,000. Noted Jan. 7.

†Harrisburg, Penn.—The contract for the construction of sewers in Rudy, Delancey and Spencer St. has been awarded to M. M. SHESSLEY & SON, Johnstown, at $7638. Noted Mar. 18.

Lebanon, Penn.—The City Council has approved plans submitted by T. R. Crowell, City Engr., for the construction of a sewage-disposal plant.

Philadelphia, Penn.—The City Council has authorized the construction of the Franklin Creek Intercepting Sewer. The estimated cost is $500,000.

Wilmington, Del.—The city contemplates the construction of sewers along the Brandywine Creek from Henry Clay. The estimated cost is $60,000 of which the DuPont Powder Co. will pay $10,000. Alexander Taylor is City Engr.

★Ocean City, Md.—(Official)—Bids will be received until July 26 by the Mayor for the construction of a sewage pumping station, clarification tank, intercepting and branch sewers. Pugh & Mubbard, 731 Witherspoon Bldg., Philadelphia, Penn., is Engr. Noted June 3.

Alexandria, Va.—The Common Council has authorized a loan of $50,000 for the construction of sewers. Albert Bryan is Chn. of Finance Com.

✚Kinston, N. C.—The city has awarded contracts for the construction of extensions to the sewer system to MISCHLER & FLYNN, Chattanooga, Tenn., at $28,200, and for sewer pipe to the CHATTANOOGA SEWER PIPE & FIRE BRICK CO., at $7753.

Salisbury, N. C.—An election will be held Aug. 7 to vote on the question of issuing $20,000 in bonds. The proceeds will be used for the construction of sewers and for street improvements.

✚Winston-Salem, N. C.—The city has awarded contracts for the construction of concrete disposal tanks and irrigation ditches to the MUNICIPAL ENGINEERING & CONSTRUCTION CO., Atlanta, Ga., and to the HEWITT CONSTRUCTION CO., Hickory, N. C., for the construction of approximately one mile of pipe line leading directly to the plant. The estimated cost is $50,000. Noted June 17.

Hammond, La.—Bonds for $40,000 have been sold, the proceeds of which will be used for the construction of a sewer system. Noted June 3.

Harlan, Ky.—Plans are being prepared for the construction of a sewer system. The estimated cost is $75,000. D. H. Goss is City Clk. Noted June 24.

Lexington, Ky.—Plans are being prepared by Solomon-Norcross Co., Consult, Engr., Atlanta, Ga., for the construction of a sewage-disposal plant and a sewer system. The estimated cost is $200,000. Noted June 17.

✚Madisonville, Ky.—The contract for the construction of sanitary sewers has been awarded to QUINN & ELLIS, Nashville, Tenn., at $6057. Noted June 24.

Ashtabula, Ohio—(Official)—Bids will be received until July 17 by M. H. Turner, Dir. of Pub. Ser., for the construction of sewers in Mill, Gern St., Kain Rd. and in Woodman Ave. The estimated cost is $4938. Lewis A. Amsden is City Engr. Noted May 6.

Brewster, Ohio—(Official)—Bids were received July 2 for the construction of sewers from the Ross-Cook Engineering Co., Akron, $9267; Gessher & Gothrel, Toledo, $14,329; Kohbarger & Hoyles, Marion, $13,822; Philip Sheets, Newcomerstown, $18,972; Thomas P. Egan, Cleveland, $16,004; Hadley & Dickey, Canton, $10,016; Wise Bros., Canton, $13,357. Noted June 17.

Cincinnati, Ohio—Bids will be received until noon, July 21, by Philip Fosdick, Dir. of Pub. Ser., for the construction of sewers in Carll St., Kirby and Clinton Springs Ave.

Cincinnati, Ohio—Bids will be received until Aug. 5 by the city for the construction of sewers and appurtenances in South Canal St., in county property from Sycamore to Main St. and in the Hamilton County Courthouse.

Cleveland, Ohio—(Official)—Bids were received July 7 for the construction of the Walworth Run Diversion Sewer under two contracts, (a) Section No. 1, (b) Section No. 2, as follows: Hoag & Zullo, Cleveland, (a) $114,900, (b) $101,537; Donnelly & Graham, Cleveland, (a) $121,490, (b) $101,262; Manson Co., Cleveland, (a) $131,080, (b) $121,875; Gawne Contracting Co., Cleveland, (a) $137,590; Dock Contractor Co., Hoboken, N. J., (a) $140,460, (b) $116,725; Joseph Winterbottom, Cleveland, (a) $142,700, (b) $116,925; J. Connelly Construction Co., Cleveland, (a) $147,140, (b) $121,875; W. P. Gibbons Construction Co., Cleveland, (a) $155,534, (b) $146,037; Henry C. Ulen, Chicago, Ill., (a) $159,400, (b) $131,800; William McDowell & Son Co., Cleveland, (a) $162,670; (b) $134,112; Charles A. Haskin, Boston, (a) $185,740, (b) $153,250; J. Wagner & Son, Detroit, Mich., (a) $208,000. Robert Hoffman is City Engr. Noted July 1.

✚Columbus, Ohio—The Director of Public Service has awarded the contract for the construction of the south side storm sewer to J. C. CARLAND & CO., Toledo, at $220,249, to O'DONNELL & THORNBERRY, Vincennes, Ind., at $48,256, for the constructing the Maryland Ave. storm sewer, and to I. O. JONES, Columbus, at $12,703, for constructing the Granville St. relief sewer. Noted June 24.

Cuyahoga Falls, Ohio—(Official)—Bids will be received until noon, July 28, by the Village Clerk for the construction of sewers in various streets. E. D. Barstow is Village Engr.

✚Delphos, Ohio—It is reported that the contract for the construction of a sewage-disposal plant has been awarded to SUMMERS & HARDIN, Lima, at $9766.

✚New Boston, Ohio—(Portsmouth post office)—The contract for sewer construction has been awarded to the SLUSS-BAKER CONSTRUCTION CO., at $45,000.

Northfield, Ohio—Bids will be received until noon, July 19, by C. S. Machwart, Village Clk., for the construction of 12,000 ft. of 4-in. tile drain, 3000 ft. of 6-in. tile drain, 444 ft. of 15-in. corrugated culvert pipe and 10 bbl. portland cement. C. W. Courtney, 1150 Leader News Bldg., Cleveland, is Engr.

Springfield, Ohio—Bids will be received until noon, July 26, by Charles E. Ashburner, City Mgr., for the construction of sewers in Gallagher St.

Springfield, Ohio—Bids will be received until noon, July 26, by Frank B. Thomas, City Audr., for the sale of $31,168 in bonds. The proceeds will be used for the construction of the Walter St. Sewer System.

Westerville, Ohio—Bids will be received until July 16 by R. D. Bennett, Clk., for the construction of sanitary sewers in Glenwood Drive, State, East Park and West St.

Wyoming, Ohio—(Cincinnati post office)—Bids will be received until noon, July 24, by Ernest Van Bargen, City Pur. Agt., for the construction of a sanitary sewage-disposal plant at the Refuge Farm for Girls.

✚Franklin, Ind.—The contract for the construction of sewer extensions at the Masonic Home has been awarded to O'DONNELL & THORNBERRY, Vincennes, at $6148.

✚Indianapolis, Ind.—The contract for cleaning and repairing the Myers drain, Cass County, has been awarded to F. JEROME BECKLEY, Royal Center, at $6000.

Markle, Ind.—(Official)—Bids will be received until 1 p.m., July 24, by the Town Clerk for the construction of a sewer system. Thomas Ruggles is Engr. Noted July 1.

Grand Rapids, Mich.—W. H. Hoad, University of Michigan, has submitted a report on sewage disposal to the Board of Public Works. The estimated cost is $500,000. Noted Mar. 25.

✚Chicago, Ill.—(Official)—The contract for the construction of 14 miles of brick sewers in the Norwood and Edison Park Section, to be known as the Argyle St. sewer system has been awarded to the H. J. McNICHOLS CO., Chicago, at $694,461. Noted July 1.

Appleton, Wis.—Bids will be received until 9 a.m., July 26, by E. L. Williams, City Clk., for the construction of sewers in College Ave. and State Rd.

Burlington, Wis.—Bids will be received until 2 p.m. July 17, by the Board of Public Works for the construction of storm sewers, manholes and catch basins.

Madison, Wis.—The lowest bid submitted for the construction of a sewer in Williamson St. was that of J. W. Mitchell, at $9994.

Mayville, Wis.—The city contemplates the construction of a sewer system.

Milwaukee, Wis.—Bonds for $200,000 have been sold, the proceeds of which will be used for the construction of sewers. Noted June 24.

✚Sheboygan, Wis.—(Official)—The contract for the construction of sanitary sewers has been awarded to the BIRDS-ALL GRIFFITH CONSTRUCTION CO., Racine, at $8398. Noted July 1.

Watertown, Wis.—The lowest bid received for the construction of a sewer in Nashotah St. and through private property to the river was that of E. L. Bartlett, Watertown, at $6550.

✚Wauwatosa, Wis.—The contract for the construction of storm sewers has been awarded to W. P. KUEHN, at $4005.

Cedar Falls, Iowa—The city contemplates the construction of sewers estimated to cost $5000. C. H. Streeter is Engr.

✚Council Bluffs, Iowa—The contract has been awarded to E. A. WICKHAM, Council Bluffs, at $62,573, for the construction of approximately 12½ miles of sewers in District No. 1. Noted May 6.

✚Marion, Iowa—The contract for the construction of approximately 8000 ft. of sewers has been awarded to MARK JACKSON, Cedar Rapids, at $4820.

What Cheer, Iowa—The city contemplates the construction of sewers and a sewage-disposal plant. The estimated cost is $30,000. Bruce, Standeven & Boynton, 400 Bee Bldg., Omaha, Neb., is Engr.

Breckenridge, Minn.—At a recent election the citizens voted to issue $18,000 in bonds, the proceeds of which will be used for the construction of sewers. Noted May 6.

St. Paul, Minn.—All bids received June 14 by August Hohenstein, City Pur. Agt., for the construction of sewers in Glenham, Maplewood, Medford and Otto Ave. have been rejected. The estimated cost is $20,000. Noted June 24.

Atchison, Kan.—Plans are being prepared for the construction of approximately 5000 ft. of 18- to 30-in. vitrified pipe sewers and 20 manholes. Bids will be received about Aug. 15. V. L. King is City Clk.

Wisner, Neb.—Bids will be received until July 19 by C. S. Daily, City Clk., for the construction of a sewer system. The estimated cost is $20,000. Bruce, Standeven & Boynton, 430 Bee Bldg., Omaha, is Engr. Noted May 20.

Centerville, S. D.—An election will be held July 16 to vote on the question of issuing $27,000 in bonds. The proceeds will be used for the construction of a sewer system.

✚Sidney, Mont.—The contract for the construction of lateral sewers in Special Improvement District No. 3 has been awarded to BENDON, JONES & REED, Sidney, at $9708.

Three Forks, Mont.—Swearinger & McCulloch, Engr., Great Falls, is making surveys for the construction of a sewer system. The estimated cost is from $20,000 to $25,000.

Independence, Mo.—Plans are being prepared by H. H. Pendleton, City Engr., for the construction of a sewer system for the Girls' Home.

Kansas City, Mo.—The City Council has authorized the sale of $100,000 in bonds, the proceeds of which will be used for the construction of sewers.

✚Kirksville, Mo.—The contract for the construction of storm sewers in Joint Storm Sewer District No. 3 has been awarded to the HIRAM LLOYD CONSTRUCTION CO., St. Louis, at $6110. Noted June 10.

St. Joseph, Mo.—The city contemplates issuing $500,000 in bonds, the proceeds of which will be used for the construction of a sewer system.

Corsicana, Tex.—The city contemplates holding an election to vote on the question of issuing $100,000 in bonds, the proceeds of which will be used for the construction of sewers.

✚Houston, Tex.—The contract for the construction of storm sewers in South Main St. at Harris Gully has been awarded to HORTON & HORTON, at $9000.

Muskogee, Okla.—The city contemplates the construction of the North Mill St. sewer. The estimated cost is $23,000.

✚Salt Lake City, Utah—(Official)—The contract for the construction of the Sewer Extension No. 351 has been awarded to JAMES KENNEDY, Fargo, N. D., at $25,017. Noted June 17.

Roslyn, Wash.—The City Council has organized Local Improvement Districts Nos. 1 and 2 and will construct sewers. George T. Wake is City Clk.

✚Alameda, Calif.—(Official)—The contract for sewer construction has been awarded to the TIBBITTS PACIFIC CO., San Francisco, at $9667. Noted June 24.

East San Diego, Calif.—Preliminary plans are being prepared by the City Engineer for the construction of a municipal sewer system. The estimated cost is $50,000. Noted July 8.

Visalia, Calif.—At a recent election the citizens voted to issue $50,000 in bonds, the proceeds of which will be used for the construction of sewer extensions. Noted June 24.

+Toronto, Ont.—The contract for the construction of a sewer on Weston Rd. from St. Clair Ave. to the city limits has been awarded to ORPEN CO., LTD., at $23,868. Noted June 17.

Victoria, B. C.—The Council Street Committee has authorized an expenditure of $74,654 for the construction of sewers and for paving work.

STREETS AND ROADS

Boston, Mass.—(Official)—Bids will be received until noon, July 19, by the Commissioner of Public Works for constructing a bituminous macadam roadway on Haslet St. from Amherst to Metcalf St., West Roxbury, for laying artificial stone side walks on Lake St., Brighton and for bitulithic pavement on Birch St. from Penfield St. Dudley Ave., West Roxbury.

+Boston, Mass.—Contracts have been awarded for paving with asphalt Claxton St. from Blue Hill Ave. to Callender St., Dorchester, to D. M. BIGGS & CO., $11,507; Claybourne St. from Dakota to Park St., Dorchester, with bitulithic to JAMES DOHERTY, at $8657. Noted June 17.

+Cranston, R. I.—E. P. TRACY, Derby, at $24,000, has been awarded the contract to resurface Broad St. with asphalt.

+Warwick, R. I.—The town council has awarded the contract for building bituminous highway at Ludlow Corner to JOSEPH McCORMICK, East Providence.

★Hartford, Conn.—Bids were received July 2 by Charles J. Bennett, State Highway Comr., for constructing roads as follows: Ashford Township, 14,960 lin.ft. gravel on the Warrenville Rd.: Robert G. Miller Contracting Co., Hartford, $19,261; A. D. Ambrosia & Co., Hartford, $25,165; A. Brazos & Sons, Middletown, $24,545; Framingham Contracting Co., South Framingham, $20,155; A. D. Bridge's Sons, Inc., Hazardville, $19,177; Connecticut Good Roads & Construction Co., New Britain, $16,344; Ahern Construction Co., Willimantic, $18,299; Archie B. Cadwell, New Britain, $20,180; Louis Longhi & Bro., Torrington, $18,443. Glastonbury Township, 6500 lin.ft. 2-in. bituminous macadam on the Hartford-New London Township Rd., A. D. Ambrosia & Co., Hartford, $14,206; Piersen Engineering & Construction Co., Hartford, $10,690; Connecticut Good Roads & Construction Co., New Britain, $9565; A. E. Douglass, Glastonbury, $8600; A. D. Bridge's Sons, Inc., Hazardville, $8752. Sprague Township, about 1630 lin.ft. gravel, A. D. Bridge's Sons, Inc., Hazardville, $2325; Frank A. Wilcox, Norwich, $1299; Fred D. Miller, Norwich, $1508. Killingworth Township, about 7150 lin.ft. graded on the Higganum Rd., Louis Longhi & Bro., Torrington, $5481; Frank Arrigoni & Bro., Middletown, $6053; A. Brazos & Sons, Middletown, $6317. Vernon Township, about 2675 lin.ft. bituminous macadam on Vernon Ave., A. D. Bridge's Sons, Inc., Hazardville, $5435; A. D. Ambrosia & Co., Hartford, $7801. Newtown Township, about 8040 lin.ft. 5-in. native stone macadam on the Dodingtown Rd. Connecticut Good Roads & Construction Co., New Britain, $14,400; A. Brazos & Sons, Middletown, $25,678; Goodman & Trumbull Co., Litchfield, $13,174; Louis Longhi & Bro., Torrington, $14,025; H. Sanford Osborn, Redding Ridge, $14,568; Kellogg & Gregory Co., Danbury, $11,492; Stafford & Mather, Hartford, $14,004; Archie B. Cadwell, New Britain, $13,001; Bennett N. Beard Co., Shelton, $14,562; John de Michiel & Bro., Torrington, $12,893. Canterbury Township, about 5100 lin.ft. native stone and 1995 lin.ft. native stone resurfacing on the Westminster Rd., Alco Construction Co., 178 North St., Boston, $9710; Goodman & Trumbull Co., Litchfield, $8402; Robert G. Miller Contracting Co., Hartford, Conn., $8720; Frank A. Wilcox, Norwich, $8626; A. D. Bridge's Sons, Inc., Hazardville, $9538; F. H. Gilbert, Jewett City, $15,087; Louis Longhi & Bro., Torrington, $9326; Ahern Construction Co., Willimantic, $9648. Bethel Township, about 6315 lin.ft. gravel on the Bridgeport-Newtown Rd. H. Sanford Osborn, Redding Ridge, $7497; Archie B. Cadwell, New Britain, $9623; Goodman & Trumbull Co., $8114; Bennett N. Beard Co., Shelton, $8726; Kellogg & Gregory Co., Danbury, $6795; Connecticut Good Roads & Construction Co., New Britain, $8569; John de Michiel & Bro., Torrington, $7975; Louis Longhi & Bro., Torrington, $8009. Plainfield Township, about 6875 lin.ft. gravel on the Canterbury Rd., Ahern Construction Co., Willimantic, $8976; Alco Construction Co., 178 North St., Boston, $7885; Fred H. Gilbert, Jewett City, $7197; Goodman & Trumbull Co., Litchfield, $7802; A. D. Bridge's Sons, Inc., Hazardville, $7496; John Arborio, 172 Congress Ave., New Haven, $7167; Frank A. Wilcox, Norwich, $7266; Louis Longhi & Bro., Torrington, $7285; A. Brazos & Sons, Middletown, $9476; Fred D. Miller, Norwich, Conn., $7639. Noted July 1.

+★Albany, N. Y.—(Official)—Bids were received June 7 by Edwin Duffey, State Highway Comr., for repairing highways, as follows:

Repair Contract No. 792, Albany, County, 7.69 miles: W. L. LAWTON, Glens Falls, $23,611 (awarded contract); Olin T. Benedict, Pittsfield, Mass., $24,309; De Graff & Hogeboom, Kingston, $25,866; A. J. Malloy, Schenectady, $25,868; Belmar Contracting Corporation, Inc., Troy, $26,856; James Anderson, Menands, $27,153; Thomas H. Karr, Troy, $28,404.

Repair Contract No. 806, Albany County, 2.02 miles: BELMAR CONTRACTING CORPORATION, INC., Troy, $10,516 (awarded contract); Huntoon & Ferguson, Hudson Falls, $10,603; James Anderson, Menands, $10,881; M. F. Dollard, Albany, $10,832; J. J. Malloy, Schenectady, $11,126; Olin T. Benedict, Pittsfield, Mass., $11,276; Thomas H. Karr, Troy, $12,039.

Repair Contract No. 799, Broome County, 0.31 mile: KINGSBURY & RYAN, Binghamton, $4449 (awarded contract); Frank Stento, Binghamton, $4972; Nash & Griffin, Norwich, $4990; Rock & Griffin, Massena, $5274; John H. Gordon, Albany, $5294; E. W. Walsh, Elmira, $5407; William R. Kimmey, Albany, $5426; Lee Du Bois, Lestershire, $5539.

Repair Contract No. 741, Cayuga County, 6.15 miles: SEMPER BROS., Watertown, $33,987 (awarded contract); Brayer Bros., Auburn, $34,082; Antonio Mondo, Syracuse, $34,369; Thomas Grady, Rochester, $34,778; J. H. Weidman, Syracuse, $35,858; Joseph McCormick, E. Providence, R. I., $36,092; John H. Gordon, Albany, $35,965.

Repair Contract No. 798, Cayuga County, 11.52 miles: DANA W. ROBBINS, INC., New York, $5933 (awarded contract); Pathfinder Construction Co., Inc., Fulton, $6096; Dale Engineering Co., Utica, $6106; Richard Hopkins, Troy, $6354; Brayer Bros., Auburn, $6400.

Repair Contract No. 791, Columbia County, 7.88 miles: HENRY CLINTON, Poughkeepsie, $3353 (awarded contract); Gleason & Davitt, Albany, $3821; Edward Hartney, Modena, $3983; Richard Hopkins, Troy, $4148; Westchester-Dutchess Corporation, Mt. Vernon, $4198; Marks Kearney, Hudson, $4254; Van Dusen Holsapple, Hillsdale, $4304; Conway Bros. & Kennedy, Eddyville, $4347; Brady-Oltarsh Construction Co., Inc., New York, $4568.

Repair Contract No. 788, Columbia County, 7.45 miles: WILLIAM DOYLE, Saugerties, $5116 (awarded contract); Thomas H. Karr, Troy, $5139; Gleason & Davitt, Auburn, $5192; Brady-Oltarsh Construction Co., Inc., New York, $5487; Westchester-Dutchess Corporation, Mt. Vernon, $5496; Richard Hopkins, Troy, $5789.

Repair Contract No. 787, Columbia County, 2.81 miles: WILLIAM DOYLE, Saugerties, $5085 (awarded contract); Marks Mearney, Hudson, $5275; Gleason & Davitt, Albany, $5418; Westchester-Dutchess Corporation, Mt. Vernon, $5831; Thomas H. Karr, Troy, $5837; Brady-Oltarsh Construction Co., Inc., New York, $5865.

Repair Contract No. 794, Columbia County, 7.63 miles: WILLIAM DOYLE, Saugerties, $4255 (awarded contract); Edward Hartney, Modena, $4391; Richard Hopkins, Troy, $4520; Thomas H. Karr, Troy, $4550; Gleason & Davitt, Albany, $4619; William R. Kimmey, Albany, $4619; Westchester-Dutchess Corporation, Mt. Vernon, $4674; Brady-Oltarsh Construction Co., Inc., New York, $4776; Conway Bros. & Kennedy, Eddyville, $5051.

Repair Contract No. 786, Delaware County, 7.69 miles: RUDDY-SAUNDERS CONSTRUCTION CO., Troy, $14,689 (awarded contract); McGreevey, McGuigan & Baum, Elmira, $16,419; Richard Hopkins, Troy, $16,966; Lane Construction Corporation, Meriden, Conn., $17,272; De Graff & Hogeboom, Kingston, $17,707.

Repair Contract No. 490, Dutchess County, 3.44 miles: HENRY CLINTON, Poughkeepsie, $9995 (awarded contract); Thomas J. Martin, Beacon, $10,258; William Doyle, Saugerties, $10,870; John A. Jova, Inc., Newburgh, $11,664; Westchester-Dutchess Corporation, Mt. Vernon, $11,901; Gleason & Davitt, Albany, $12,050.

Repair Contract No. 796, Erie County, 3.15 miles: COLD SPRING CONSTRUCTION CO., Buffalo, $16,971 (awarded contract); John W. Landel, Tonawanda, $18,765.

Repair Contract No. 805, Franklin and St. Lawrence Counties, 32.7 miles: HARRY W. ROBERTS & CO., Utica, $11,072 (awarded contract); Spellman-Oliver Co., Chateaugay, $11,116; E. T. Eggleston, Yonkers, $11,563; Richard Hopkins, Troy, $11,764; Dennis C. Flanigan, Watertown, $12,146; Rock & Griffin, Massena, $12,713.

Repair Contract No. 804, Greene County, 14.85 miles: CATSKILL CONSTRUCTION CO., Catskill, $7184 (awarded contract); Conway Bros. & Kennedy, Eddyville, $7267; William Doyle, Saugerties, $7460; Defiance Corporation, Ticonderoga, $7921; Westchester-Dutchess Corporation, Mt. Vernon, $8094; Richard Hopkins, Troy, $8843.

Repair Contract No. 797, Herkimer County, 8.78 miles: DANIEL B. DONOVAN, Rome, $11,440 (awarded contract); W. L. Lawton, Glens Falls, $13,813; John J. Guinan Contracting Co., Brooklyn, $13,837; John A. Jova, Inc., Newburgh, $14,347; Clarence Welsh & Co., Gloversville, $15,253; Newport Construction Co., Herkimer, $16,248.

Repair Contract No. 662, Madison County, 5.68 miles: J. H. WEIDMAN, Syracuse, $26,884 (awarded contract); Paddleford & King, Sherburne, $27,033; John H. Gordon, Albany, $27,146; Charles E. Haney, Camillus, $27,195; Conroy & Nixdorf, Oneida, $27,937; Harry W. Roberts Co., Utica, $28,143; Dana W. Robbins, Inc., New York, $28,918; R. D. Cooper, Little Falls, $29,740; Joseph McCormick, East Providence, R. I., $31,546.

Repair Contract No. 633, Monroe County, 1.39 miles: I. M. LUDINGTON SONS, INC., Rochester, $10,686 (awarded contract); Monroe Roads Co., Pittsford, $11,083; Ribstein-Holter Co., Inc., Rochester, $11,691; Whitmore-Rauber & Vicinius, Rochester, $12,538.

Repair Contract No. 676, Oneida County, 1.04 miles: PHELAN & SULLIVAN, Utica, $5972 (awarded contract); Charles E. Haney, Camillus, $6189; R. D. Cooper, Little Falls, $6379; John H. Weidman, Syracuse, $6489.

Repair Contract No. 782, Oneida County, 1.58 miles: HARRY W. ROBERTS & CO., Utica, $9011 (awarded contract); Charles E. Haney, Camillus, $9525; John H. Weidman, Syracuse, $9566; Paddelford & King, Sherburne, $9813; R. D. Cooper, Little Falls, $9992; Daniel L. Mott, Utica, $10,497.

Repair Contract No. 783, Oneida County, 1 mile: DANIEL O'CONNELL & SONS, Holyoke, Mass., $16,937 (awarded contract); Langan Contracting Corporation, Albany, $17,391; Harry W. Roberts & Co., Utica, $17,981; R. B. Cooper, Little Falls, $23,883.

Repair Contract No. 784, Oneida County, 4.02 miles: DANA W. ROBBINS, INC., New York, $5936 (awarded contract); Charles E. Haney, Camillus, $6132; Harry W. Roberts & Co., Utica, $6210; R. B. Cooper, Little Falls, $7166.

Repair Contract No. 801, Oneida County, 24.82 miles: HARRY W. ROBERTS & CO., Utica, $8490 (awarded contract); Dana W. Robbins, Inc., New York, $8974; Nash & Griffin, Norwich, $9148; County Construction Co., Troy, $9664; De Barber & Hill, Fulton, $9573; Richard Hopkins, Troy, $10,542.

Repair Contract No. 644, Ontario County, 5.68 miles: SEMPER BROS., Watertown, $16,531 (awarded contract); Chambers & Barnes, Rochester, $17,825; Thomas Grady, Rochester, $18,273; Dale Engineering Co., Utica, $18,444; J. W. Brennan Construction Co., Inc., Geneva, $18,950; Monroe Roads Co., Pittsford, $19,841; Ribstein-Holter Co., Inc., Rochester, $20,431.

Repair Contract No. 802, Ontario County, 7.37 miles: COUNTY CONSTRUCTION CO., Troy, N. Y., $4358 (awarded contract); Sweeney & Boland, Rochester, $4524; Dale Engineering Co., Utica, $4608; Crouch Bros., Rochester, $4880; J. W. Brennan Construction Co., Inc., Geneva, $5068.

Repair Contract No. 789, Orange County, 37.31 miles: EDWARD HARTNEY, Modena, $2736 (awarded contract); Westchester-Dutchess Corporation, Mt. Vernon, $3120; Defiance Corporation, Ticonderoga, $3229; William Doyle, Saugerties, $3229; Paul Gsanger, Monsey, $3229; Nash & Griffin, Norwich, $3278; John A. Jova, Inc., Newburgh, $3284; Schunnemunk Construction Co., Highland Mills, $3284; Headley Good Roads Co., Philadelphia, Penn., $3738.

Repair Contract No. 807, Rensselaer County, 5.94 miles: GLEASON & DAVITT, Albany, $30,931 (awarded contract); Olin T. Benedict, Pittsfield, Mass., $31,644; Huntoon & Ferguson, Hudson Falls, $31,663; Belmar Contracting Corporation, Inc., Troy, $31,766; James J. Ringney, Rensselaer, $31,930; Thomas H. Karr, Troy, $32,200; County Construction Co., Troy, $33,407; John B. Dower, Ballston Spa, $34,737.

Repair Contract No. 800, Rockland County, 3.90 miles: JOHN A. JOVA, INC., Newburgh $21,166 (awarded contract); Schunnemunk Construction Co., Highland Mills, $22,568; H. B. Sproul Contracting Co., Inc., Peekskill, $24,525.

Repair Contract No. 803, Rockland County, 3.53 miles: JOHN J. GUINAN CONTRACTING CO., Brooklyn, $17,585 (awarded contract); Paul Gsanger, Monsey, $13,261; John A. Jova, Inc., Newburgh, $18,783; H. B. Sproul Construction Co., Inc., Peekskill, $22,987.

Repair Contract No. 795, Saratoga County, 3.09 miles: WILLIAM J. MORRISSEY, Saratoga Springs, $13,497 (awarded contract); Gaylor Stone Co., Inc., Saratoga Springs, $14,633; Huntoon & Ferguson, Hudson Falls, $15,245; William L. Sherrill, Hudson Falls, $15,551; Thomas H. Karr, Troy, $15,692; Flood & Van Wirt Co., Hudson Falls, $16,106; T. A. Sullivan, Ballston Spa., $16,148; John B. Dower, Ballston Spa, $16,146.

Repair Contract No. 795, St. Lawrence County, 17.66 miles: P. J. KENNEDY, Brasie Corners, $5956; (awarded contract); Richard Hopkins, Troy, $6865; Spellman-Oliver Co., Chateaugay, $6906; DeBarker & Hill, Fulton, $6983; Rock & Griffin, Massena, $7255; Flood & Van Wirt Co., Hudson Falls, $7348; E. Eggleston, Yonkers, $7368.

Repair Contract No. 808, Schenectady County, 8.34 miles: HUNTOON & FERGUSON, Hudson Falls, $3800 (awarded contract); Defiance Corporation, Ticonderoga, $3879; J. J. Malloy, Schenectady, $4244.

Repair Contract No. 790, Westchester County, 14.87 miles: MIGUEL HOUCK, White Plains, $6679 (awarded contract); Tri-County Construction Co., Mt. Vernon, $7479; Westchester-Dutchess Corporation, Mt. Vernon, $7501; Defiance Corporation, Ticonderoga, $7507; Phillipsburg Construction Corporation, Yonkers, $7507; E. T. Eggleston, Yonkers, $7606; Hughes & Gardner, North Tarrytown, $7625; Dailey & Merritt, Portchester, $8443. Noted June 24.

★**Albany, N. Y.**—(Official)—Bids will be received until 1 p.m., Aug. 3, by Edwin Duffey, State Highway Comr., for repairing highways in various counties.

✚**Batavia, N. Y.**—The contract for paving Ellicott St. has been awarded to the THOMAS FITZGERALD CONSTRUCTION CO., Fredonia, at $12,067.

Boonville, N. Y.—Bonds for $11,000 were sold, the proceeds of which will be used for street paving.

✚**Islip, N. Y.**—A contract for constructing 200,000 sq.ft. of concrete sidewalk has been awarded to the CLIFFORD CONSTRUCTION CO., Jamaica (Borough of Queens).

✚**New York, N. Y.**—(Borough of Brooklyn)—(Official)—Contracts have been awarded for regulating and repaving Lincoln Rd. from Bedford to Rogers Ave. and Vernon Ave. from Marcy to Tompkins Ave. and Tompkins Ave. from Vernon to Greene Ave., to the SICILIAN ASPHALT PAVING CO., 41 Park Row, at $6075 and $17,993, respectively; Pioneer St. from Van Brunt to Richards St. to the McFARLANE CONTRACTING CO., 504 Park Pl., at $6882. Noted June 24 and July 8.

New York, N. Y.—(Borough of Brooklyn)—(Official)—Bids will be received until 11 a.m., July 21, by L. H. Pounds, Borough, Pres., for regulating, grading, curbing and laying sidewalks on Montgomery St. from Utica to Schenectady Ave., Porter Ave. from Meeker Ave. to Anthony St., West 36th St. from Canal to Neptune Ave., 63rd St. from 21st Ave. to Bay Parkway and 81st St. from 19th to 21st Ave.

New York, N. Y.—(Borough of Queens)—(Official)—Bids were received July 8 by Maurice E. Connolly, Borough Pres., for improving portions of Van Alst Ave., as follows: F. B. Smith, Inc., $49,750; Clancy & Nuhn, $57,772; A. D. Gunner, $33,227; Thomas Crimmons Contracting Co., $82,820; James P. Hudson, $48,265; Evergreen Construction Co., $59,805; Anabel Construction Co., $40,156; Press Improvement Co., $46,764; Paladine Contracting Co., $109,840; Peace Bros., $90,500; Charles A. Myers Contracting Co., $70,840. Noted July 1.

✚**Belvidere, N. J.**—The contract for resurfacing the Allamuchy Rd. has been awarded to SALMON BROS., Netcong, at $3729, and for treating other macadam roads in the county with tarvia, at $8245. Noted June 24.

Burlington, N. J.—Bids will be received until July 26 by F. W. Parrott, County Audr., for paving one mile of county road.

Camden, N. J.—The City Planning Commission is negotiating for paving Federal St. from 27th St. to the city line.

✚**Jersey City, N. J.**—Contracts have been awarded for paving Pavonia Ave. with asphalt to W. T. S. CRICHFIELD, and Mercer St. with chipped blocks to PHILIP O'REILLY. Noted June 10 and 17.

Keyport, N. J.—Bids will be received about Sept. 1 by the Borough Clerk for paving Broad St. with concrete, at an estimated cost of $12,000. Noted June 24.

Newton, N. J.—The Township Board plans to improve Cooper's Glen Rd. from Sussex to Colesville with macadam. The Board will also resurface the Glove-Sussex macadam road.

Weehawken, N. J.—Bids were received July 6 for paving Clifton Terrace with (a) concrete block, (b) bituminous concrete, (c) bitulithic as follows: Hastings Paving Co., (a) $12,282; W. T. S. Crichfield, (a) $9549, (b) $7960; Uvalde Asphalt Paving Co., (a) $11,074, (b) $10,393; Nolan & Hornung, (a) $11,026, (c) $12,842; Clinton Contracting Co., (a) $9868, (c) $12,046. Noted May 29 and July 1.

Weehawken, N. J.—The Township Commission, July 6, approved plans and specifications for the improvement of Columbia Terrace.

✚**Philadelphia, Penn.**—The contract for grading Mitchell St. from Pennsdale St. to Walnut Lane has been awarded to AMOS W. BARNES, at $7748. Noted June 17.

Sewickley, Penn.—Press reports state that the Borough Council plans to construct a four mile boulevard.

Uniontown, Penn.—(Official)—Bids will be received until noon, July 27, by Harry Kisinger, Controller of Fayette County, for constructing 2800 lin.ft. of road in North Union Township and for furnishing and delivering 345,000 bricks f.o.b. Alicia or South Brownsville, for the Alicia Rd., in Luzerne Township.

✚**Baltimore, Md.**—Contracts have been awarded by the State Road Commissioners, Garrett Bldg., to McNERNEY CONSTRUCTION CO., Canton, Penn., to construct concrete roadway in Somerset County, from Marion to Hopewell, at $44,285; PENN CONSTRUCTION CO., 652 Equitable Bldg., Baltimore, to resurface Yord Rd. from Glencoe to Verona, Baltimore, County 1.04 miles, at $7516; AUSTIN-BENNETT CONSTRUCTION CO., 321 Knickerbocker Bldg., Baltimore, to construct macadam roadway approaches, 1.02 miles, to Dover Bridge in Caroline and Talbot Counties, at $9212.

✚**Baltimore, Md.**—Contracts have been awarded for paving Camden St. from Paca to Eutaw St. to the CONSOLIDATED ENGINEERING CO., 243 Calvert Bldg., at $6595; Tyson St. from Saratoga to Center St., Hargrove Alley from Federal to Trenton St. and other streets to MARTIN J. BEACH, Beck Lane, at $20,740. Noted June 3.

★**Cumberland, Md.**—(Official)—Bids will be received until 9:30 a.m., July 19, by the City Clerk for improving Baltimore St. between the Western Maryland Ry. and the Baltimore & Ohio R.R. James P. Gaffney is City Engr.

✚**Frederick, Md.**—(Official)—Bids were received July 3 for constructing approximately 1.83 miles of State Aid road near Petersville, and 1.04 miles in Brunswick as follows: M. J. Grove Lime Co., Lime Kiln, $34,028; C. H. Hoyt, $50,794; A. H. Gosnell, $35,780; Bester Long & Co., $39,764; Austin Bennett Construction Co.; $35,851; Thomas Bennett & Hunter, $38,935. Noted June 24.

Charles City, Va.—Bids will be received until noon, July 22, for constructing one mile of gravel road between Henrico and Charles City Counties.

★**Norfolk, Va.**—(Official)—Bids will be received until 1 p.m., July 29, by the Board of Control for paving certain streets.

Prince George, Va.—Press reports state that the Commissioners of Prince George County contemplate holding an election to vote on the question of issuing $200,000 in bonds, the proceeds of which will be used for improving and constructing roads.

Broad Oaks, W. Va.—(Clarksburg post office)—Bids will be received until 7 p.m., Aug. 2, by the Common Council for grading, curbing and paving with brick on concrete base Bridge, Point, Harrison, Marshall, Main and Daisy St. and Buckhannon Pike.

✚**Elkins, W. Va.**—(Official)—A contract for constructing a number of streets has been awarded to the ENTERPRISE CONSTRUCTION CO., Elkins. Noted June 17.

Huntington, W. Va.—Bids will be received until Aug. 3, by the Cabell County Commissioners for the construction of 15 miles of additional roads, including paving of eight miles of Kanawha and James River Turnpike, two miles Ohio River Rd., four miles Hamlin Pike and one mile Harveytown and Wayne County Pike.

Morgantown, W. Va.—An election will be held July 31 in Morgan and Union Districts for the purpose of voting on the question of issuing $50,000 and $120,000 in bonds respectively, the proceeds of which will be used for constructing roads.

Ronceverte, W. Va.—An election will be held July 31 to vote on the question of issuing $150,000 in bonds, the proceeds of which will be used for road improvement in Greenbrier District.

Salisbury, N. C.—See item under "Sewers."

Sarasota, Fla.—Bids will be received until July 24 by the City Council for paving portions of Palm and Strawberry Ave. F. P. Wright is Comr. Pub. Wks.

Greenwood, Miss.—(Official)—Bids will be received until 7:30 p.m., July 20, for constructing gravel or concrete pavement. Warner Wells is City Clk. and Stanley Cobham is City Engr.

Laurel, Miss.—Bids will be received until July 20 by D. F. Gardiner, City Clk., for street improvements. H. W. Bill is City Engr.

New Orleans, La.—Bids will be received until July 27 by A. G. Ricks, Comr. of Pub. Finances, for constructing a road from a point connecting with Chef Menteur Rd., near Chef Menteur, to Rigolets.

Thibodaux, La.—Press reports state that Lefourche Parish will soon vote on the question of issuing bonds, the proceeds of which will be used for improving highways in District No. 2.

Jasper, Tenn.—Press reports state that the citizens of Marion County voted in favor of issuing $100,000 in bonds, the proceeds of which will be used for constructing the Dixie Highway.

Memphis, Tenn.—Bids were received for improving Mississippi Blvd. from Calhoun Ave. to Lauderdale St., as follows: Southern Asphalt Construction Co., $11,628; L. W. Johnson, $9309; Memphis Asphalt & Paving Co., $9329.

✚**Owensboro, Ky.**—A contract for constructing 4¾ miles of macadam road has been awarded to MARTIN & MARTIN, Evansville, at $24,500.

Stanford, Ky.—According to press reports the citizens o Lincoln County will vote on the question of issuing $130,000 in bonds, the proceeds of which will be used for constructing roads.

Cincinnati, Ohio—(Official)—Bids will be received until noon, July 21, by the Commissioner of Purchases and Supplies for improving Jennings Rd.

Cincinnati, Ohio—(Official)—Bids will be received until noon, July 22, by Philip Fosdick, Dir. Pub. Ser., for improving Magnolia St. from Plum to Elm St., Wade St. from Plum to Elm St. and from Central Ave. to Providence St. and until July 23 for the improvement of intersection of Hopple and Beekman St., at the west end of viaduct.

✚**Cincinnati, Ohio**—The contract for improving the Compton Rd. from Hamilton Pike to Carthage Pike has been awarded to the JOHN REUBEL CONSTRUCTION CO., at $9138. Noted June 3.

Columbus, Ohio—(Official)—Bids will be received until 2 p.m., July 23, by Clinton Cowen, State Highway Comr., for improving a number of roads in various counties.

✚Columbus, Ohio—(Official)—Contracts have been awarded for road construction as follows: Licking County, Summit Extension, waterbound macadam, J. C. IMBODEN, Logan, $3375; Muskingum County, Zanesville-McConnelsville Rd., brick, WARD PATRICK & CO., $9927; Sandusky County, Sandusky-Clyde Rd., EARL WALTERS, Sandusky, $15,490; Franklin County, Columbus-Newark Rd., bituminous macadam, GRAHAM & KINNEAR, Columbus, $60,128; Union County, Marysville-Marion Rd., bituminous macadam, SYLVESTER BAUGHMAN, Marysville, $10,642. Noted June 24.

Cuyahoga Falls, Ohio—(Official)—Bids will be received until noon, July 28, by W. F. Williamson, Village Clk., for improving Portage Ave.

✚Mt. Gilead, Ohio—The contract for improving Foust Rd. in Westfield Township has been awarded to W. H. MILLER, Cardington, at $7064. Noted June 3.

Mt. Gilead, Ohio—Bids will be received until 11 a.m., Aug. 6, by C. O. Higgins, Audr. of Morrow County for improving and macadamizing the Sexon-Thatcher Rd. in Gilead and Canaan Townships.

✚Polk, Ohio—(Official)—Contracts for constructing ½ mile of concrete road 16-ft. wide, and 3½ miles of bituminous road, 14-ft. wide, have been awarded to E. F. DOWNS & CO., Toledo, at $7625 and $31,688 respectively. Noted June 24.

✚St. Clairsville, Ohio—(Official)—The contract for repairing and resurfacing a portion of High Ridge Rd., in Pultney, Pease, Colerain and Richland Townships has been awarded to SEIPLE & WOLF, Toledo, at $8000. Noted July 1.

✚Toledo, Ohio—Contracts have been awarded for paving Hoag St., to PETER H. WATTERS, $12,668; Summit St., to GARRIGAN BROS., $34,268; Forest St., to the ASPHALT BLOCK CO., $8909.

Wauseon, Ohio—Bonds for $9571 were sold July 5, the proceeds of which will be used for street improvements.

West Jefferson, Ohio—Bids will be received until July 26 by the City Clerk for paving Main St. with asphalt macadam, estimated to cost $42,000. Noted June 17.

West Park, Ohio—Bids will be received until noon, July 19, by Frederick Feuchter, Clk., for constructing sidewalks on a number of streets.

Woodstock, Ohio—At a recent election the question of issuing $4800 in bonds, the proceeds of which was to have been used for street paving, was defeated.

Indiana—(Official)—Bids will be received for road construction in Indiana as follows: Greensburg, until 1 p.m., Aug. 2., by the Commissioners of Decatur County for constructing roads in Fugit and Washington Townships; Albion, until 2 p.m., Aug. 2, by the Commissioners of Noble County, for constructing a road on line between York and Jefferson, Noble and Green Townships; Versailles, until 1 p.m., Aug. 2, by the Commissioners of Ripley County for constructing a crushed stone road in Johnson Township; Boonville, until 10 a.m., Aug. 3, by the Commissioners of Warrick County for the construction of a rock or concrete road in Boon Township; Valparaiso, until 2 p.m., Aug. 3, by the Commissioners of Porter County for constructing gravel roads in Morgan Center and Portage Townships; Noblesville, until 10 a.m., Aug. 3, by the Commissioners of Hamilton County for constructing a road in Washington Township and two in Wayne Township; Winchester, until 10 a.m., Aug. 3, by the Commissioners of Randolph County for constructing a road in Greene Township; Goshen, until 1 p.m., Aug. 3, by the Commissioners of Elkhart County for constructing a gravel, concrete or brick road in Elkhart Township.

✚Columbus, Ind.—The contract for constructing a crushed stone road in Hawcreek Township has been awarded to the MOORE & CHRIST CONSTRUCTION CO., Letts, at $8000.

✚Hartford City, Ind.—The contract for constructing a macadam road in Blackford County has been awarded to ALBERT CLAMME, Hartford City, at $11,740.

✚Jasper, Ind.—The contract for constructing a rock road in Patoka Township has been awarded to TRAYLOR & KREMPP, Jasper, at $9280.

✚Kokomo, Ind.—The contract for constructing a stone road in Clay Township has been awarded to MARTIN McHALE, Logansport, at $5024.

✚Liberty, Ind.—The contract for constructing a road in Union Township, Union County has been awarded to WILK & CO., Rushville, at $19,767.

✚Logansport, Ind.—The contract for constructing a road in Washington Township has been awarded to R. A. SULLIVAN, Peru, at $9999.

Portland, Ind.—(Official)—Bids will be received until 7 p.m., July 26, by the City Council for improving Commerce and Ship St.

✚Rensselær, Ind.—The contract for constructing a stone road in Carpenter Township has been awarded to TABER & HALLIHAN, Wabash, at $7218.

✚Rockville, Ind.—The contract for constructing the Rockville-Nyesville gravel road has been awarded to THOMAS WILSON, Montezuma, at $15,422. Other bids were: Frank L. Adams, $17,298; L. W. De Voto, $17,400; A. L. Tribble, $16,438; W. P. Harrison, $16,875.

✚Shelbyville, Ind.—The contract for constructing the Moral-Van Buren Township line gravel road has been awarded to CHARLES E. MOBERLY, Shelbyville, at $6959.

Birmingham, Mich.—Bonds for $23,300 have been sold, the proceeds of which will be used for street paving.

Mt. Clemens, Mich.—Bids will be received until 7:30 p.m., July 19, by A. A. Devantier, Clk., for paving North and Grand Ave.

Havana, Ill.—The City Council plans to pave a number of streets.

✚Peoria, Ill.—(Official)—The contract for improving Callender Ave. from Institute Pl. to Western Ave. has been awarded to JOHN W. BUSHNELL, at $6557.

Janesville, Wis.—(Official)—Bids will be received until 2 p.m., July 27, by the Board of Public Works for paving Wisconsin, South Bluff St. and Milton Ave.

✚Milwaukee, Wis.—The contract for paving Grand Ave. from Fourth to Eighth St. has been awarded to HENRY HASE, at $14,500. Noted June 24.

Sioux City, Iowa—(Official)—Bids will be received until 10 a.m., July 17, by Paul J. Wells, City Clk., for street paving.

Spencer, Iowa—(Official)—Bids will be received until 8 p.m., July 27, for laying 70,000 sq.yd. of pavement. E. O'Keefe is City Engr.

Norfolk, Neb.—Bids will be received until July 19 by P. F. Stafford, City Clk., for constructing 30,000 yd. of concrete pavement and 16,000 lin.ft. of concrete curb. Noted June 3.

✚Fargo, N. D.—The contract for paving Fourth St. has been awarded to S. BIRCH & SONS, at $26,122.

Butte, Mont.—Bids will be received about Aug. 7 by J. C. Driscoll, City Clk., for paving Main St., at an estimated cost of $15,000.

Hardin, Mont.—Bids will be received until July 20 by F. M. Lipp, Town Clk., for improving streets in District No. 1.

Walkerville, Mont.—The City Council plans to improve North Main St. from Lexington Mine to Daly St. by macadamizing, estimated to cost $10,000.

Independence, Mo.—The County Court will receive bids about Aug. 1 for widening and paving Van Horn Blvd., the old Santa Fé trail connection between Independence and Kansas City.

Kansas City, Mo.—Press reports state that bids will be received about Aug. 1 for grading portions of Donnelly, Jackson and Booth Ave. and 59th, Olive and Ninth St.

St. Joseph, Mo.—The Park Board is receiving bids for paving Noyes Blvd.

Caldwell, Tex.—(Official)—Bids will be received until 2 p.m., July 31, by the Commissioners of Burleson County for road improvements in District No. 1.

✚Clarksville, Tex.—The City Council has awarded a contract for paving 35 streets to McCULLAN & DALTON, Dallas. Noted Apr. 8 and May 20.

Cuero, Tex.—At a recent election the question of issuing $58,000 in bonds, the proceeds of which was to have been used for constructing roads in District No. 4, De Witt County, was defeated.

Ft. Stockton, Tex.—The construction of an automobile highway between Ft. Stockton and Grand Falls is being promoted by a committee of citizens representing the two towns. Most of the work will be on a stretch of road between Grand Falls and Salt Crossing, 18 miles. James Rooney, Mayor of Ft. Stockton, is interested in the project.

El Paso, Tex.—It is planned by the Commissioners' Court to use the proceeds of the $750,000 bonds to be voted on at an election to be held Aug. 3 in the construction of a concrete highway from the New Mexico-Texas State line to Fabens, in the Rio Grande Valley, a distance of 50 miles. The concrete material will be laid upon the top of the present paved road.

Port Lavaca, Tex.—An election will be held July 27 to vote on the question of issuing $17,000 in bonds, the proceeds of which will be used for constructing roads and bridges.

Seguin, Tex.—(Official)—Bids will be received until July 19 by the Commissioners of Guadalupe County for constructing six miles of road. Bonds for this purpose were sold recently. F. E. Hess, 1604 Southwestern Life Bldg., Dallas, is Engr.

✚Salt Lake City, Utah—The contract for paving West St. from First to Second South St. has been awarded to G. A HEMAN, at $9618.

✚Everett, Wash.—The contract for constructing Permanent Highway No. 18 has been awarded to WARD & TEMPLETON, Everett, at $13,694.

✚Mt. Vernon, Wash.—The contract for paving Cleveland Ave. has been awarded to M. E. MORRIS, Burlington, at $10,469. Other bids were: Grant-Evig & Co., Anacortes, $11,056; N. W. Ball, Seattle, $10,780; R. W. McKinstry, Mt. Vernon, $10,848.

✚Tacoma, Wash.—A contract for constructing concrete sidewalks in the North End District has been awarded to S. R. GRAY, Tacoma, at $9695. Other bids were: B. S. Davis, Tacoma, $10,474; Joseph Warter, Tacoma, $10,745; Macheller Bros., $9775.

✚St. Helens, Ore.—The Columbia County Court has awarded a contract for the construction of a section of the St. Helens-Pittsburgh Highway, near Houlton, to A. H. TARBELL, at approximately $40,000.

✚Burlingame, Calif.—The City Council has awarded a contract for street improvements to the RAISCH IMPROVEMENT CO., San Francisco, at $10,369. Noted May 20.

Sacramento, Calif.—Bids will be received until July 26 by the State Highway Commission, 515 Forum Bldg., for road construction, as follows: Colusa County, through Arbuckle, about 0.3 mile to be surfaced with asphalt; Marin County, between Burdell and St. Vincent, about four miles, to be graded; Monterey County, from Greenfield to Camphora, about 11.7 miles, to be paved with portland cement concrete; Santa Barbara County, from Gaviota Pass to Zaca Station, about 11.4 miles, to be graded; San Luis Obispo County, from Atascadero Creek to Paso Robles, about 10 miles, to be paved with portland cement concrete. Wilson R. Ellis is Secy. of the Comn.

✚San Diego, Calif.—The contract for grading Edgemont St. from Grape to Cedar St. has been awarded to the C. L. HYDE CONSTRUCTION CO., at $4426.

✚San Leandro, Calif.—The City Trustees have awarded a contract for street paving to the CALIFORNIA BITHULITHIC CO., at $64,696.

Amherstburg, Ont.—The Town Council plans to lay one mile of pavement on Sandwich and Aspley St. G. E. Pulford is Clk.

Renfrew, Ont.—Press reports state that the Town Council plans to pave Hall and Coombs St. with macadam, at an estimated cost of $7750. J. R. Stewart is Engr.

INDUSTRIAL WORKS

Fall River, Mass.—The Algonquin Printing Co. will build a three-story, 104x255-ft. addition to its plant.

Lowell, Mass.—The Appleton Co. will build a ten-story, 92x133-ft., reinforced-concrete storehouse to cost approximately $75,000. Noted June 3

New Bedford, Mass.—The Merchants' Terminal Warehouse Co., recently organized, will build an eight-story, 108x158-ft., concrete warehouse. James F. Bacon is Pres.

✚**Salem, Mass.**—C. S. CUNNINGHAM & SONS, 101 Tremont St., Boston, Mass., has been awarded the contract for the construction of a two-story, 54x97-ft., reinforced-concrete garage on Essex St., for G. H. Keefe, 46 Boston St. The estimated cost is $20,000.

Salem, Mass.—The Hygrade Incandescent Lamp Co. will build a four-story, 54x206-ft. brick factory on Federal St.

Springfield, Mass.—A. A. Geisel will build a two-story, 67x165-ft. garage and repair shop on Chestnut St. E. C. & G. C. Gardner is Arch.

✚**Springfield, Mass.**—The contract for the construction of a two-story, 69x101-ft. building for the Springfield Daily News has been awarded to FRED T. LEY CO., INC. H. L. Sprague is Arch.

Springfield, Mass.—The Springfield Union plans the construction of a three-story building on Fort St., for its mechanical department.

Springfield, Mass.—M. C. Barrett, 600 State St., will build a 62x66-ft., brick garage to cost $12,000.

Ansonia, Conn.—The Farrell Foundry & Machine Co. will build a 120x226x400-ft., brick and reinforced-concrete building to cost $100,000. James E. Brooks, Bloomfield, N. J., is Arch.

Ansonia, Conn.—The American Brass Co. plans the construction of buildings at its A. B. C. Branch as follows: A 100x220-ft. rolling mill, to cost $100,000; a 132x148-ft. casting shop, to cost $100,000; a metal storage building, to cost $100,000; an 85x95-ft. coal pocket, to cost $10,000; and a 55x75-ft. ash reducing plant, to cost $8000; all of reinforced-concrete and brick.

Bridgeport, Conn.—The Bridgeport Arms Co., Boston Ave., will build two five-story, brick and steel factories, to cost $200,000 each.

Hartford, Conn.—H. B. Beach & Co. will repair the damage to its factory on Mechanic St., caused by fire, at a cost of $15,000.

✚**Herkimer, N. Y.**—(Official)—Carl Haug, Arch., Little Falls, N. Y., has awarded the contract to STEPHEN HINES for the construction of a three-story, 60x90-ft. addition to the Royal Gem Mills. Joseph Reamy, St. Johnsville, N. Y., is Pres. Noted July 1.

✚**Jamestown, N. Y.**—The Gurney Ball Bearing Co. has awarded the contract for the construction of a one-story, 170x266-ft. factory on Chandler St. to the JAMESTOWN CONSTRUCTION CO. Noted Apr. 22.

New York, N. Y.—(Borough of Brooklyn)—(Official)—Bids will be received about Sept. 1 for the construction of a 200x300-ft. factory at Park and Nostrand Ave. for the American Tobacco Co., Kent Ave. The estimated cost is $500,000. Francisco & Jacobus, 200 Fifth Ave. (Borough of Manhattan) is Arch. Noted July 8.

Rochester, N. Y.—The Brewster-Gordon Wholesale Grocery Co. will build a five-story, 89x202 ft., reinforced-concrete warehouse on Canal St.

✚**Rochester, N. Y.**—(Official)—The TURNER CONSTRUCTION CO., Prudential Bldg., Buffalo, has been awarded the contract for the construction of a three-story, 95x217-ft. reinforced-concrete factory and warehouse for the Vacuum Oil Co.

Syracuse, N. Y.—The Globe Malleable Iron & Steel Co., 101 Greenway Ave., will expend $200,000 for additions to its foundry.

Jersey City, N. J.—Plans have been prepared by R. W. Sailer, Arch., 75 Montgomery St., for the construction of a concrete garage and bakery at Montgomery and Merseles St. for the National Grocery Co. The estimated cost is $75,000.

Newark, N. J.—Franklin Gruman plans alterations to his brick factory at 77 St. Francis St., to cost approximately $17,000.

Failston, Penn.—(New Brighton post office)—The C. C. & E. P. Townsend Co. will rebuild its factory which was recently destroyed by fire at a loss of $100,000.

Marcus Hook, Penn.—The contract will soon be awarded by Ballinger & Perrot, Arch., 1710 Arch St., Philadelphia, Penn., for the construction of a one-story, 153x423-ft. brick factory, and a two-story, 44x73-ft. brick and concrete factory for the Viscose Co.

Philadelphia, Penn.—William Steele & Sons Co., Arch., 1600 Arch St., has prepared plans for the construction of a four-story, 108x120-ft. factory at Second and Erie Ave. for the Thomas Potter & Sons Co., to replace the one recently destroyed by fire with a $50,000 loss.

Pittsburgh, Penn.—The Westinghouse Co., plans the construction of an ammunition factory, with a daily capacity of 200,000 rounds.

✚**Riverside, Penn.**—The Carpenter Steel Co. has awarded the contract for the construction of a one-story, 65x185-ft. annex to L. H. FOCHT & SON. The estimated cost is $25,000.

✚**South Bethlehem, Penn.**—The contract for the construction of a $350,000 benzol plant for the Lehigh Coke Co. has been awarded to the CARL STILL CO.

Baltimore, Md.—The Baltimore Enamel & Novelty Co., Woodall and Clement St., plans the construction of a 1-story, 300-ft. addition.

Baltimore, Md.—The Maryland Cold Storage Co. will soon award the contract for the construction of a $175,000 cold-storage plant.

✚**Baltimore, Md.**—The Baltimore City Garage Co. has awarded the contract for the construction of a four-story garage at 29 South Charles St., to JOSEPH C. SCHANBERGER. The estimated cost is $100,000. Wyatt & Nolting is Arch.

✚**Baltimore, Md.**—J. HENRY SMITH has been awarded the contract for the construction of a three-story, 39x111-ft., brick warehouse at 14 South High St., for the Joseph Fisher Specialty Co. The estimated cost is $20,000. George R. Callis, Jr., is Arch.

Baltimore, Md.—John T. Buckley, 916 Bolton St., will build a one-story garage at an estimated cost of $15,000.

✚**Suffolk, Va.**—HARWOOD & MOSS, Newport News, Va., has been awarded the contract for the construction of a two-story, reinforced-concrete storage warehouse for the Holland-Lee Co. A. T. Holland is Pres.

Wheeling, W. Va.—(Official)—The Saturn Machine Co. plans the construction of a brass foundry. E. W. Krause is Mgr.

✚**Akron, Ohio**—The contract for the construction of three additions to the plant of the Goodyear Tire & Rubber Co. has been awarded to the HUNKIN-CONKEY CONSTRUCTION CO., 321 Cuyahoga Bldg. Estimated cost, $400,000. Noted July 8.

✚**Cleveland, Ohio**—The Frantz-Premier Co., Leader-News Bldg., has awarded the contract for the construction of a four-story, 61x320-ft. factory and a 38x50-ft. foundry at Ivanhoe Rd. and the New York, Chicago & St. Louis R.R. to the SAMUEL AUSTIN & SON CO., 14,230 Euclid Ave. The estimated cost is $115,000. Noted July 1.

✚**Cleveland, Ohio**—The contract for the construction of a factory at East 55th and Superior Ave., for the Richman Bros. Co., Prospect and Ontario St., has been awarded to the HUNKIN-CONKEY CONSTRUCTION CO., 321 Cuyahoga Bldg. Estimated cost, $250,000. Noted June 10.

Cleveland, Ohio—Plans have been prepared by the W. S. Ferguson, Arch., 615 Euclid Bldg., for the construction of a one-story, 80x120-ft. factory for the Cleveland White Metal Co., 8005 Melrose Ave. The estimated cost is $60,000.

Cleveland, Ohio—The Standard Welding Co., West 76th St. and New York Central R.R., plans the construction of a $100,000 plant.

✚**Cleveland, Ohio**—The contract for the construction of an 80x360-ft. factory on East 61st St. for the Hydraulic Pressed Steel Co. has been awarded to the SAMUEL W. EMERSON CO., Chamber of Commerce Bldg. Noted July 1.

Columbus, Ohio—The contract for the construction of a warehouse for Rosenthal Bros., on West Spruce St., has been awarded to D. W. McGRATH, at $32,500. Riebel & Son, is Arch.

Fostoria, Ohio—The contract will soon be awarded by J. M. Myers, Pres. of the Fostoria Provision Co., 106½ Main St., for the construction of a packing plant.

Hamilton, Ohio—Bids are being received for the construction of a two-story brick warehouse at Seventh St. and Maple Ave. for the B. H. Kroger Grocery & Bakery Co. The estimated cost is $25,000. J. P. Mormer is Local Mgr.

✚**Toledo, Ohio**—THEODORE STERRITT, Detroit, Mich., has been awarded the contract for the construction of a seven-story reinforced-concrete warehouse at Spielbusch Ave. and State St. for the Scheiwe Storage Co., 645 Ohio Bldg. Manfred M. Stophlet is Arch. Noted Apr. 8.

Toledo, Ohio—Gortland Bros., Marion, Ind., plans the construction of a foundry. Estimated cost, $40,000.

✚**Toledo, Ohio**—The contract for the construction of a two-story, brick and stone storage building on Palmwood Ave. for the De Vilbiss Mfg. Co., has been awarded to JACOB JACOBS. Manfred M. Stophlet is Arch.

Uhrichsville, Ohio—The United States Clay Products Co. plans the construction of a three-story, 80x256-ft. building with a 35x112-ft. annex, and 12 kilns, 36 ft. in diameter. The estimated cost is $95,000. S. L. Weaver is Arch.

Indianapolis, Ind.—The E. C. Atkins Co. will build a two-story, 100x400-ft. reinforced-concrete addition to its plant to cost $130,000.

Tell City, Ind.—The Southwestern Furniture Co. plans the construction of a factory.

✚**Bay City, Mich.**—THE BAY CITY STONE CO. has been awarded the contract for the construction of a one-story, 80x210-ft. storage building, and a two-story, 70x298-ft. factory on Marquette and Sidney St., for the Bigelow Cooper Co.

✚**Detroit, Mich.**—The H. C. CHRISMAN CO. has been awarded the contract for the construction of a four-story, brick and steel factory on Russell St., for the Detroit Wire Spring Co. Albert Kahn, 58 La Fayette Ave., is Arch. Noted July 8.

Detroit, Mich.—A permit has been granted to the Hudson-Motor Car Co. for the construction of a two-story, 60x180-ft., and a three-story, 60x100-ft. addition to its plant at Jefferson Ave., E., and Conner's Creek. The estimated cost is $40,000. Albert Kahn, 58 LaFayette Ave., is Arch.

✚**Detroit, Mich.**—The Rands Mfg. Co., Holden Ave., has awarded the contract for the construction of a three-story, concrete addition to its plant to the W. E. WOOD CO., Ford Bldg. The estimated cost is $20,000.

Detroit, Mich.—The Schleider Mfg. Co., Fort St., E., will build a one-story, concrete plant on East Grand Blvd., to cost $19,000.

Detroit, Mich.—The Timken-Detroit Axle Co. will build a four-story factory to cost $60,000 and a one-story garage to cost $5000, on Clark St.

Detroit, Mich.—The Rands Mfg. Co. will build a two-story factory on Holton St., to cost $20,000.

Chicago, Ill.—The American Car & Foundry Co., Railway Exchange, will build a one-story steel-car shop at 2416 South Paulina St., to cost $20,000. A. A. Bown is Arch.

Chicago, Ill.—The Sidlo Steel Co. will build a five-story, brick factory at 2350 Canal St., to cost $30,000. C. A. Eckstrom, 5 North La Salle St., is Arch.

Chicago, Ill.—The Galena Signal Oil Co., 80 East Jackson Blvd., has purchased 131,000 sq.ft. of land at 58th Ave. and 66th St., on which it will build a brick and concrete warehouse and distributing station to cost $50,000. Frank D. Chase, 122 South Michigan Ave., is Arch.

St. Paul, Minn.—The Willys Overland Co., Toledo, Ohio, plans the construction of a $250,000 warehouse. Royal R. Scott is Secy.

✚St. Louis, Mo.—(Official)—O. R. S. Traber, Arch., Fullerton Bldg., has awarded the contract for the construction of a four-story, 48x96-ft. factory for Vivianno Bros., 1022 North Seventh St., to THEODORE H. RATZ, 2616 Vanderburgh Ave., at $27,000. Noted July 1.

✚Corpus Christi, Tex.—Weil Bros. has awarded the contract for the construction of a 100x150-ft. warehouse on Tiger St., to OSCAR LUTZ.

Niles City, Tex.—The grain elevator of E. R. & D. C. Kolp, which was recently damaged by fire to the extent of $40,000, will be repaired.

✚Avon, Calif.—(Martinez post office)—The Associated Oil Co. has awarded the contract for the construction of an addition to its plant to the WESTERN PIPE & STEEL CO., San Francisco, at $38,158. Noted May 20.

✚El Modeno, Calif.—The contract for the construction of an 84x144-ft. addition to the packing house of David Hewes has been awarded to GEORGE PREBLE, Santa Ana. The estimated cost is $12,000. R. L. Folger is Arch.

✚Los Angeles, Calif.—The Rudger-Merle Co. has awarded the contract for the construction of a three-story warehouse at 532 South Alameda St. to the ALTA PLANING MILL CO., at $53,000. William Curlett & Son is Arch.

San Francisco, Calif.—The Harbor Warehouse Co., North Point and Kearing St., will build a two-story, 133x205-ft., brick warehouse at Bay and Kearny St., to cost $30,000.

San Francisco, Calif.—A four-story building will be constructed at Fourth and Brannan St. for the John Bollman Co., at an estimated cost of $200,000. C. P. Weeks, Mutual Bank Bldg., is Arch.

Victorville, Calif.—The Southwest Portland Cement Co. will build a plant to have a daily capacity of 2500 bbl. of cement. Carl Leonardt, Los Angeles, is Pres. Estimated cost, $1,000,000.

Ottawa, Ont.—Bids are being received by W. H. George, Arch., Castle Bldg., for the construction of a brick and concrete garage for M. Landreville. The estimated cost is $20,000.

Toronto, Ont.—The Borthwick Bakery will build a two-story addition to its plant to cost $14,000.

Vancouver, B. C.—The McLaughlin Motor Car Co., 1219 Georgia St., will build a reinforced-concrete garage to cost $75,000.

FEDERAL GOVERNMENT WORK

✚Post Office—Mt. Vernon, N. Y.—The contract for the construction of the post office at Mt. Vernon has been awarded to JOSEPH DI BENEDETTO, 423 East 115th St., New York, at $87,737. Noted May 27 and July 1.

Dredging—New York, N. Y.—Bids will be received until noon, Aug. 2, at the U. S. Engineer Office, Room 707 Army Bldg., New York, for dredging in Hempstead and Huntington harbors.

★Dredging—Philadelphia, Penn.—Bids will be received until noon, Aug. 9, at the U. S. Engineer Office, Philadelphia, for dredging in Delaware River on Bellevue and Cherry Island lighthouse ranges.

Riprap—Philadelphia, Penn.—Bids were received July 8 by Col. George A. Zinn, Philadelphia, for constructing about 12,000 tons of riprap along the channel face on the bulkhead in the Delaware River at the lower end of Artificial Island as follows: C. R. Simpson, 170 Broadway, New York, N. Y., $1.72 per ton; Ellis D. Thompson, 1505 Arch St., Philadelphia, Penn., $1.89; Coast & Lakes Contracting Corporation, 41 Broad St., New York, N. Y., $1.39 (will probably be awarded contract); Edwin S. Sickles, New Baltimore, N. Y., $2.18. Noted June 22.

Boiler Plant—Indian Head, Md.—Bids were received July 3, by the Bureau of Yards and Docks, Navy Dept., Washington, for the construction of an extension to the existing boiler plant at the U. S. Naval Proving Grounds, Indian, Head: (a) on Government specifications; (b) on bidder's specifications, as follows: Day & Zimmerman, Philadelphia, Penn., (b) $192,144; John W. Danforth Co., Buffalo, N. Y., (a) $169,987; Evans, Almiral & Co., New York, N. Y. (b) $191,831. Noted June 3.

✚School—Washington, D. C.—Contracts for the construction of the superstructure of High School No. 174, known as the Colored High School, have been awarded as follows: Construction proper P. F. GORMLEY CO., Washington, at $260,767; plumbing, STANDARD ENGINEERING CO., Washington, D. C.; heating, DRIGS, DISTERN & STRINGER, Baltimore, Md., at $61,317 and stack, HEINE CHIMNEY CO., New York, N. Y., $1786. Noted May 20.

Sewers—Washington, D. C.—Bids were received July 7, by the Commissioners of the District of Columbia for the construction of sewers as follows: (a) George Hyman, Washington, (b) Warren F. Brenizer Co., Washington, (c) Continental Contracting Co., Baltimort, Md., (d) William F. Cush, Washington: Service sewers, ordinary excavation, (a) $0.50, (b) $0.65, (c) $1.85, (d) $0.60; sewer brick masonry, (a) $14, (b) $14, (c) $15, (d) $14; 12-in. diameter sewer pipe, (a) $0.55, (b) $0.70, (c) $1.35, (d) $0.62; 10-in. diameter sewer pipe, (a) $0.45, (b) $0.60, (c) $1.20, (d) $0.60; Northhampton St. Outlet Sewer; ordinary excavation, (a) $0.60, (b) $0.50, (c) $2.75, (d) $0.60; sewer brick masonry, (a) $16, (b) $16, (c) $18, (d) $14; 12-inich diameter sewer pipe, (a) $0.80, (b) $0.95, (c) $1.85, (d) $0.62.

★Sidewalks—Washington, D. C.—Bids will be received until 2 p.m., Aug. 10, by the Board of Commissioners for constructing concrete sidewalks in the District of Columbia.

★Steel Barges—Vicksburg, Miss.—Bids will be received until noon, Aug. 12, by the Officer of the Third Mississippi River District, P. O. box 404, Vicksburg, for six steel barges.

Post Office—Ypsilanti, Mich.—Bids will be received until 3 p.m., Aug. 20, by James A. Wetmore, Act. Superv. Arch., Treasury Dept., Washington, D. C., for constructing the U. S. post office complete.

✚Canal Work—Great Falls, Mont.—The contract has been awarded to the TWO-MIRACLE CONCRETE CORPORATION, Great Falls, at about $31,000, for constructing Panlo laterals A and 31 A, Flathead Irrigation project.

★Post Office—Blackwell, Okla.—Bids will be received until 3 p.m., Aug. 19, by James A. Wetmore, Act. Superv. Arch., Treasury Dept., Washington, D. C., for constructing the U. S. post office at Backwell.

★Cylinder Gates—Yakima, Wash.—Bids will be received until 2 p.m., July 19, by Morris Bien, Act. Dir., U. S. Reclamation Service, Dept. of the Interior, Washington, D. C., for two c.-i. cylinder gates of 12 ft. diameter for service under 100 ft. head for the Keechelus Reservoir, Yakima Project, and a duplicate set. Noted July 19.

Subtreasury—San Francisco, Calif.—Bids were received July 7, by the Supervising Architect, Treasury Dept., Washington, D. C., for changes in the Subtreasury building, San Francisco, Calif. as follows: Williams Bros., $15,300; C. A. Day Co., $16,125; Harvey A. Klyce, $15,670; Grant Fee, $12,500; Lange & Bergstrom, $17,500; B. F. Owsley, $10,800; Construction Engineering Co., $9760; Campbell Building Co. of Utah, Salt Lake City, Utah, $12,800. Above bidders are of San Francisco unless otherwise specified. Noted June 10.

Miscellaneous Supplies—Panama—Bids will be received until 10:30 a.m., July 16, by Maj. F. C. Boggs, Gen. Pur. Agt., Panama Canal, Washington, D. C., for furnishing miscellaneous supplies.

Structural Steel—Panama—Bids were received by Maj. F. C. Boggs, Corps of Engineers, U. S. A., General Purchasing Officer, The Panama Canal, Washington, D. C., for furnishing structural steel and accessory parts for shed on Pier No. 7, Atlantic Terminal, consisting of 4,265,000 lb. structural steel, 16,700 lb. handrailing, and 36,000 lb. downspouts, (a) fabricated and delivered at the Isthmus, (b) fabricated, delivered and erected as follows: Belmont Iron Works, Philadelphia, Penn., (a) $115,201; McClintic-Marshall Construction Co., Pittsburgh, Penn., (a) $114,685; Milliken Bros., 17 Battery Pl., New York, N. Y., (a) $98,478; Penn Bridge Co., Beaver Falls, Penn., (b) $138,949; Pennsylvania Steel Co., Steelton, Penn., (a) $99,898; Riter-Conley Mfg. Co., Pittsburgh, Penn., (a) $106,378; (b) $140,751; United States Steel Products Co., New York, N. Y., (a) $118,180, (b) $144,588. Noted July 1.

Piers—Pearl Harbor, Hawaii—Bids will be received until 11 a.m., Sept. 18, by H. R. Stanford, Bureau of Yards and Docks, Navy Dept., Washington, D. C., for constructing reinforced-concrete torpedo boat piers at the Naval Station, Pearl Harbor.

MISCELLANEOUS

✚Dredging—Boston, Mass.—The Board of Harbor and Land Commissioners has awarded the contract for dredging the channel at South River, Salem, to the BAY STATE DREDGING CO., 172 Condor St., Boston, at (a) 33c. per cu.yd., (b) $10 per cu.yd.

Dredging—Boston, Mass.—The following bids were received July 7 by the Board of Harbor and Land Commissioners for dredging the channel of Ipswich River, Ipswich: John H. Gerrish, 101 Tremont St., Boston, (a) $0.317 per cu.yd., (b) $6 per cu.yd.; Bay State Dredging Co., Ltd., 247 Atlantic Ave., Boston, (a) $0.322 per cu.yd., (b) $8 per cu.yd.; Eastern Dredging Co., Ltd., 172 Condor St., East Boston, (a) $0.325 per cu.yd., (b) $9.50 per cu.yd. William F. Williams is Ch. Engr.

★Interior Skylights—Albany, N. Y.—(Official)—Bids will be received until noon, July 27, by the Trustees of Public Buildings, Executive Chamber, Capitol, Albany, for the restoration of interior skylights over the western staircase of the State Capitol.

Fire Alarm System—New York, N. Y.—(Borough of Manhattan)—The Board of Estimate has authorized an issue of $879,588 in bonds to be used for the construction of a fire alarm system in the Borough of Manhattan.

Dredging—New York, N. Y.—(Borough of Manhattan)—Bids will be received until noon, July 21, by R. A. C. Smith, Comr. of Docks, Pier A, Battery Pl., for dredging the dumping boards of the Department of Street Cleaning, Boroughs of Manhattan, the Bronx and Brooklyn.

Motor Fire Apparatus—New York, N. Y.—(Borough of Manhattan)—(Official)—The only bid received by Robert Adamson, Fire Comr., for furnishing and delivering 24 motor-driven hose wagons under three separate contracts, each providing for eight, was that of the International Motor Co., 64th St. and West End Ave., New York. (a) $28,938, (b) $28,938, (c) 28,938, total, $86,814. Noted July 1.

Street Signs—New York, N. Y.—(Borough of Manhattan)—Bids will be received until July 15 by Marcus M. Marks, Borough Pres., for furnishing 500 street sign container frames, each frame to contain two enamel street signs.

★Subway—New York, N. Y.—(Borough of Manhattan)—(Official)—Bids will be received until July 30 by the Public Service Commission, 154 Nassau St., for the construction of Section No. 3, Routes Nos. 4 and 36, a part of the Broadway Subway lying between 38th and 51st St .

Dredging—New York, N. Y.—(Borough of Brooklyn)—Bids will be received by R. A. Smith, Comr., Docks and Ferries, Pier A., Battery Pl. (Borough of Manhattan), until noon, July 16, for dredging in Mill Basin, Jamaica Bay.

✚Pier—New York, N. Y.—(Borough of Brooklyn)—The contract for the construction of a pier at the foot of 30th St., to be known as the 30th St. pier, has been awarded to W. P. SEAVER, INC., Grand Central Terminal, New York, at $196,263. Noted June 10 and 24.

Pier—New York, N. Y.—(Borough of Brooklyn)—Bids will be received by R. A. C. Smith, Comr. of Docks, Pier A, Battery Pl. (Borough of Manhattan) until noon, July 15, for building a new pier at the foot of 35th St.

★Subway—New York, N. Y.—(Borough of Brooklyn)—(Official)—Bids will be received by the Public Service Commission, 154 Nassau St. (Borough of Manhattan), for the construction of Section No. 3, Route No. 12, of the Eastern Parkway Subway.

★Subway—New York, N. Y.—(Borough of Brooklyn)—(Official)—Bids will be received by the Public Service Commission, 154 Nassau St. (Borough of Manhattan), for the construction of Section No. 2, Route No. 29, of the Nostrand Ave. Subway.

Track Materials—New York, N. Y.—(Borough of Brooklyn)—The following bids have been received by the Public Service Commission for a three-track elevated railroad beginning at a point near 38th St. and 10th Ave. and extending thence to 10th Ave.; thence over 10th Ave. and New Utrecht Ave. to a point at or near 81st St. thence to a point in 86th St. to a point at or near Bay 41st St.; thence over 26th Ave. to Stillwell Ave.; and thence over Stillwell Ave. to a point at or near Ave. Y: Ward & Tully, $71,355; W. F. Jordon, $78,525; Joseph A. McElroy, $75,183; Joseph J. Klien, $116,436; Post & McCord, $82,639; Degnon Contracting Co., $85,000; Charles Cooper, $102,500; Holbrook, Cabot & Roilins, $103,781; Gibson & Gifford, $100,500; Joseph J. Frazer, $118,000; Snare & Triest, $94,864; Thomas Crimmons Contracting Co., $99,560.

★Subway Station—New York, N. Y.—(Borough of Queens)—(Official)—Bids will be received by the Public Service Commission, 154 Nassau St. (Borough of Manhattan), for the construction of the station finish on Section No. 2, Route Nos. 36 and 37, of the Astoria Elevated R.R.

★Subway Station—New York, N. Y.—Borough of Queens)—(Official)—Bids will be received until Aug. 3 by the Public Service Commission, 154 Nassau St. (Borough of Manhattan), for the construction of the station finish on Route No. 50 of the Queensboro Subway extension, and Section Nos. 1 and 3, Route Nos. 36 and 37, of the Corona Elevated R.R.

✚Grand Stand—Newark, N. J.—The Essex County Park Commission has awarded contracts for the construction of a grand stand in Weequahic Park, as follows: Steel work, LAVERING & GARRIGUES, $21,500; masonry, NEW JERSEY CEMENT CO., $21,532; carpenter work, H. N. DOREMUS & CO., $3987; roof and sheet metal work, JACOB STEINBERG, $5455. Noted May 20 and June 3.

Elimination of Grade Crossings—Crafton, Penn.—The Board of Trade has submitted plans to the City Council for the elimination of the grade crossings of the Pittsburg, Cincinnati, Chicago and St. Louis Division of the Pennsylvania R.R. at Crafton Ave. and Smily St. The estimated cost is $76,000.

Channel—Philadelphia, Penn.—The Maryland Dredging & Contracting Co., Baltimore, Md., at 2.49c. submitted the lowest bid for the construction of a channel in the Delaware River in the upper end of Philadelphia Harbor. The channel is to be 2000 ft. long, 1000 ft. wide and 35 ft. deep at mean low water. The work will involve the removal of about 900,000 cu.yd.

★Subway—Philadelphia, Penn.—(Official)—Bids will be received by A. M. Taylor, Dir., Dept. of City Transit, 754 Bourse Bldg., until noon, Aug. 16, for the construction of the City Hall station section of the Broad St. Subway and the Market St. Subway. This section will be about 700 ft. long and will include the underpinning of the west side of City Hall and the Market St. Subway. Noted Mar. 18 and July 8.

✚Drain—Salisbury, N. C.—L. O. WHITE, Statesville, at $14,500, has been awarded the contract for removing 331,591 cu.yd. of material and other work necessary to drain Withrow Creek. G. A. Brown is Chn. of Drainage Comn.

★Wharf and Warehouse—Augusta, Ga.—(Official)—Bids will be received until 4 p.m., July 22, by the City Council for the construction of a reinforced-concrete wharf and steel warehouse. Nisbet Winfield is Ch. Engr., River and Canal Comn. Noted June 24.

Levee Work—New Orleans, La.—The following are the lowest bids for the construction of the following levee work: H. W. Bond Bros. for the construction of the Aurora levee, Fifth District, at $28,622, for Orleans Levee Board; earthwork, $2040; sheet piling, $11,872; concrete, $24,900; Hampton Reynolds, at .1748c. per cu.yd. for the levee from Southern Pacific R.R. terminal to the U. S. Naval Station; Lower Coast Construction Co., at .136c. for the upper station river side enlargement, Fifth District, and for filling in barrow pits from the U. S. Government Depot to the lower side of Audubon Park at .147c. Noted June 17.

✚Canal—Lexington, Tenn.—The Beech River Drainage District Board has awarded the contract for the construction of a canal to the TUPELO DREDGING CO., Tupelo, Miss. The estimated cost is $20,000. W. F. Appleby is interested.

★Trenching—Covington, Ky.—(Official)—Bids will be received until 10 a.m., July 29, by J. M. Howk, Comr. of Pub-Property, for pipe trenching and backfilling.

Telephone Cable—Columbus, Ohio—Bids will be received by H. L. Barger, Dir. of Pub. Safety, until noon, July 20, for furnishing approximately 25,000 ft. of high-grade rubber insulated lead covering telephone cable.

Elimination of Grade Crossings—Youngstown, Ohio—The Erie R.R. Co. is having plans prepared for the elimination of grade crossings through the business section of the city. Bonds for $800,000 have been sold for this purpose. The total cost of the work is estimated at $3,000,000.

Dredging—Indianapolis, Ind.—Bids will be received by the Board of Park Commissioners until 10 a.m., July [illegible] for dredging the lagoon in Garfield Park; also a portion of Pleasant Run between Shelby and Raymond St., and that portion of Bean Creek lying within Garfield Park.

Drainage—Chicago, Ill.—Bids were received June [illegible] by John McGillen, Clk., Sanitary Dist., for excavating side slopes and constructing pile and timber protection on North Shore Channel of Sanitary District in Evanston and Wilmette, as follows: Byrne Bros. Dredging & Engineering Co., (a) [illegible],000 cu.yd. excavation, 59c.; (b) 9500 lin.ft. piles, 47c.; (c) [illegible] M ft. timber, $75; Great Lakes Dredge & Dock Co., (a) 59[illegible] (b) 50c.; (c) $78.

Fire Hose—Oshkosh, Wis.—The City Council has authorized the Board of Public Works to advertise for bids for 1800 ft. of fire hose.

Drainage—Atlantic, Iowa—J. H. Mayne, Council Bluffs, is making preliminary surveys for draining about 100,000 cu.yd. of Indian Creek. Noted June 24.

Dam—Tonganopie, Kan.—Press reports state that the citizens contemplate the construction of a dam to extend 50 miles along Big Stranger Creek.

Fill—Grand Island, Neb.—Bids will be received by C. E. Neuman, Clk., Hall County, until 5 p.m., July 26, for the construction of a fill in the Platte River, between Sections 17 and 18, in Martin Township.

Ditch—Harrisonville, Mo.—The Supervisors of the Grand River Drainage District will soon award the contract for the construction of a 24-mile ditch in Cass and Bates Counties. C. L. Van Sandt is Secy.

Improvement to Creek—Kansas City, Mo.—The Board of Public Works has approved the plans of Curtis Hill, City Engr., for deepening and widening Turkey Creek along South West Blvd. Noted June 3 and July 8.

Ditches—Poplar Bluff, Mo.—Bids will be received by J. L. Chambers, County Clk., until 1 p.m., July 19, for the construction of nine ditches in Drainage District No. 10. The total yardage is 1,021,607 cu.yd.

Motor Fire Apparatus—St. Joseph, Mo.—An election will soon be held to vote on the question of issuing $150,000 in bonds, the proceeds of which will be used to purchase motor-driven hose carts and other equipment for the fire department.

✚Levee—Watson, Ark.—The Board of Directors has awarded the contract for the construction of the Redfork Levee to DENISON & ROGERS, at $1.75 per cu.yd.

Levee—Caldwell, Tex.—The date for receiving bids for levee work has been extended to July 31. R. S. Newson is Chn., Comrs. of Burleson County Improvement District No. 1. Noted June 3.

Levee—Ft. Worth, Tex.—According to press reports, the Mayor is in favor of constructing a levee at Holly Plant, estimated to cost $16,500.

✚Ditches—Port Lavaca, Tex.—The contract for the construction of 45 miles of ditches requiring 326,000 cu.yd. earth excavation in Seadrift Drainage District No. 3 has been awarded to HOWARD KENYON, Houston, at 12.95c. per cu.yd. T. H. Clement is Engr. Noted June 17.

Drainage—Grand Junction, Colo.—An election will soon be held to vote on the question of issuing $1,000,000 in bonds, the proceeds of which will be used for a drainage scheme.

Dam—Boise, Idaho—According to press reports the Utah Construction Co., Ogden, Utah, has decided to replace the Mackey Dam.

Fire Engine—Ogden, Utah—Bids will soon be received for an American La France fire engine to be used in the new fire station at Ninth and Washington St.

Drainage—Reno, Nev.—The bond issue of $21,000 for draining the Truckee River Drainage District has been defeated.

Ditch—Bellingham, Wash.—Bids will be received by W. D. Wallace, County Audr., until 10 a.m., July 27, for the construction of a ditch in Improvement District No. 9.

Dock—Seattle, Wash.—The Port Commission has granted a permit to the Fisher Flouring Mills Co. to extend its dock 50-ft. into the west waterway along the warehouse, a distance of 800-ft.

Dock and Warehouse—Seattle, Wash.—Plans are being prepared by J. R. West, Ch. Engr., Port of Seattle, for the construction of two wings to the dock and warehouse at the foot of Whatcom Ave. The estimated cost is $50,000.

Steamer—Seattle, Wash.—W. R. Grace & Co. will soon ask for bids on the construction of a new steamer, costing about $800,000.

Tunnel—Seattle, Wash.—The City Council and the County Commissioners have authorized Daniel Huntington, City Arch., to prepare plans for the construction of a tunnel to connect with the basement of the new courthouse. Estimated cost, $16,000.

✚Dock—Portland, Ore.—The Shell Oil Co. of California has awarded the contract for the construction of a dock at its new distribution plant on the Portland River front to the J. A. McEACHERN CO., INC., Colman Bldg., Seattle, Wash. The work involves about 35,000 lin.ft. of piling, 250 M ft. B.M. lumber and 10,000 lb. of iron. J. C. Storey, Northern Bank Bldg., Seattle, Wash., is Engr.

Dredge Equipment—Portland, Ore.—Bids will soon be received by the Commissioners of the Port of Portland for the installation of a ladder, cutting machinery and other equipment necessary to fit out the dredge of the port. The estimated cost is $22,500. E. W. Wright is Mgr. of Port.

Dredging—Portland, Ore.—The Chamber of Commerce has asked the Port of Portland Commissioners to consider either redredging north Portland harbor or constructing dikes to increase the depth of the channel to allow for the construction of coal chutes.

✚**Motor Fire Apparatus**—Portland, Ore.—The contract for furnishing the city with one 85-ft. aërial truck for the fire department has been awarded to A. G. LONG, Portland, at $11,9[illegible].

Pier—Hueneme, Calif.—The city plans to construct a pier to cost about $50,000. Charles Donlon, J. D. McGrath, A. Camarillo and J. F. Leonard are Members of the Com.

Pier—Redmondo, Calif.—Bids will be received by the Board of Trustees until July 16 for the construction of a reinforced-concrete pier, triangular in shape extending into the ocean a distance of 750 ft. It will be 40 ft. wide with a pavilion 200x200-ft. at the outer end. The estimated cost is $121,000. George W. Harding, Washington Bldg., Los Angeles, is Engr. Noted Apr. 1 and 29.

✚**Metal Furniture**—San Francisco, Calif.—The Board of Public Works has awarded a contract for the installation of metal furniture in the new City Hall to the CAPITOL SHEET METAL WORKS, at $15,228.

Pier—San Francisco, Calif.—The State Board of Harbor Commissioners is having plans prepared for the reconstruction of Pier No. 11. The estimated cost is $25,000. Leo V. Merle is Secy. of Bd.

✚**Snow Sheds**—Ladner, B. C.—According to press reports, the contract for the construction of snow sheds for the Kettle Valley & Vancouver, Victoria & Eastern Ry. in Coquihalla Pass has been awarded to the GUTHRIE-McDOUGALL CO., Portland, Ore.

BUILDINGS

Other items relative to Building Construction will be found under the following headings: "Industrial Works;" "Federal Government Work" and "Miscellaneous."

Brookline, Mass.—Bids are being received by Andrews, Jasques & Rantoul, Arch., 50 Congress St., Boston, Mass., for the construction of a three-story addition to the high school to cost $125,000. Phillip S. Parker is Chn. of the Selectmen.

Lexington, Mass.—Plans are being prepared by Williard D. Brown, Arch., 15 Beacon St., Boston, Mass., for the construction of a two-story addition to the school. Arthur L. Blanchard, 73 Batterymarch St., Boston, Mass., is Chn. of the Bldg. Com. The estimated cost is $50,000. Noted June 24.

Swansea, Mass.—Henry Vaughn, Arch., Pemberton Sq., Boston, Mass., has plans in progress for the construction of a two-story high school to cost $50,000. Noted Mar. 11.

Westfield, Mass.—(Official)—The town voted $60,000 for the construction of a school. J. M. Dutton is Chn. of the Bldg. Com.

✚**Providence, R. I.**—(Official)—W. F. Fontaine, Arch., Woonsocket, R. I., has awarded the contract for the construction of a 66x151-ft. brick and stone church for St. Borromeo Parish to the P. J. TROTTIER BLDG. CO., East Providence, R. I. Noted June 24.

✚**Providence, R. I.**—(Official)—William R. Walker, Arch., 17 Custom House St., has awarded the contract for the construction of a three-story, 90x125-ft. theater for the Empire Realty Co. to WILLIAM WILLIAMS. The estimated cost is $125,000. Noted July 8.

Buffalo, N. Y.—Bids will be received until July 22 by Frank T. Reynolds, Dept. of Bldg. Comn. for the construction of a three-story addition to Public School No. 54, Main St. and Leroy Ave. The estimated cost is $75,000. Greene & Wicks, 110 Franklin St., is Arch. Noted Aug. 20.

Buffalo, N. Y.—Bids have been received for the construction of tuberculosis pavilions, service and ward buildings, psychopathic and administration buildings and a power house at the new City Hospital. John Lannen, Prudential Bldg., Buffalo, at $345,042, submitted the lowest bid on the general contract. Noted Apr. 29 and July 8.

✚**Ft. Plain, N. Y.**—The Board of Education has awarded the contract for the construction of a school to F. A. GASWELL, Syracuse, at $51,986.

Little Falls, N. Y.—Bids will be received about July 20, by W. L. Stoddart, Arch., 9 East 40th St., New York, for the construction of a four-story bank and office building for the National Herkimer County Bank. The estimated cost is $75,000. Noted June 24.

Mt. Vernon, N. Y.—Plans have been prepared by Clark, MacMullen & Riley, Arch., 101 Park Ave., New York, for the construction of a three-story telephone building at 35 South Sixth Ave. for the New York Telephone Co., 15 Dey St., New York. The estimated cost is $50,000. Noted Apr. 15.

Mt. Vernon, N. Y.—An appropriation of $45,000 has been made by the Board of Education for the construction of an addition to Public School No. 9 at East Fifth St. and Bedford Ave. George Howard, 60 South Third Ave., is Pres. and E. W. Robischon is Chn. of Bldg. Com.

New York, N. Y.—(Borough of Bronx)—The Board of Estimate of the Board of Education plans to expend $790,000 for the construction of additions and alterations to various schools in the Bronx. The amount includes $157,000 for two swimming pools, two gymnasiums and 12 classrooms for Public School No. 4, Fulton and Third Ave. and 173rd St.; $120,000 for an auditorium, swimming pool, gymnasium two workshops and a library for Public School No. 40, Prospect Ave. Jennings St. and Ritter Pl.; $115,000 for a swimming pool, auditorium, five shops and seven classrooms, for Public School No. 32, 183d St., Beaumont and Cambreling Ave.; $147,000 for a swimming pool, four workshops, two drawing rooms, two science rooms and eight classrooms for Public School No. 45, 189th and Hoffman St. and Lorillard Pl. Additions and alterations will also be made to Public Schools Nos. 2, Third Ave. near 169th St.; 5, Webster Ave. and 189th St., Fordham; 6, Tremont, Bryant and Vyse Ave., West Farms; 28, Tremont and Anthony Ave. and Mt. Hope Pl.; 44, Prospect Ave. and 176th St.; 50, Bryant and Vyse Ave.; 53, 168th St., Findlay and Teller Ave.

New York, N. Y.—(Borough of Brooklyn)—The Board of Managers of the Norwegian Hospital, Fourth Ave. and 46th St., Bay Ridge, plans the construction of a five-story addition. The estimated cost is $100,000. Emil Erickson is Pres. and Peter Berger is Secy.

Rensselaer, N. Y.—The Board of Education contemplates the construction of an addition and alterations to Public School No. 1 at Washington St. and Third Ave. Estimated cost, $40,000.

✚**Rochester, N. Y.**—The contract for the construction of a two-story store and school building at Clinton Ave., S., and Washington Park for the Rochester Business Institute has been awarded to GEORGE C. HOLLISTER. Estimated cost, $75,000. Alice R. May, Arlington Bldg., is Arch.

Scarsdale, N. Y.—Bids will be received until 8:15 p.m., July 26, by the Board of Education, School House, Post and Depot Rd., or by Herbert C. Lakin, Clk., Bd. of Education, 49 Wall St., New York, for the construction of a one-story brick school with an auditorium, on Post Rd. Guy Lowell, 225 Fifth Ave., New York, is Arch. Noted June 17.

✚**Schenectady, N. Y.**—The Mohawk Baths Co., 220 South Center St., has awarded the general contract for the construction of an addition to the eight-story hotel on Center St. to the J. F. GROWE CONSTRUCTION CO., 118 Hudson Ave., Albany. Estimated cost, $150,000. Noted June 17.

✚**Syracuse, N. Y.**—The Vocational High School Commission has awarded the general contract for the construction of the vocational high school to the PHELAN ENGINEERING & CONSTRUCTION CO., Hoboken, N. J., at $290,788. Noted June 17 and 24.

Syracuse, N. Y.—Bids will soon be received by D. R. Roney, Secy. Bd. of Contract and Supply for the construction of the Delaware School on Delaware and Geddes St. The estimated cost is $225,000. James A. Randall is City Arch. Noted May 27.

Syracuse, N. Y.—The lowest bid received by the Vocational High School Commission for the construction of the Vocational High School was submitted by the Phelan Engineering & Contracting Co., Hoboken, N. J., at $288,750, using Indiana limestone; $289,600, using cast stone; and $289,000, using terra cotta. Noted June 17 and 24.

White Plains, N. Y.—Contracts will be awarded about Aug. 1 by the Westchester County Building Commission for the construction of a 6½-story, 100x200-ft. county courthouse. The estimated cost is $800,000. B. W. Morris, 101 Park Ave., New York, is Arch. Noted Apr. 22 and June 24.

Bayonne, N. J.—All bids received July 1 for the construction of a parental school have been rejected by the Hudson County Parental School Board. New bids will be received until 10 a.m., July 14. Noted May 27 and July 1.

East Rutherford, N. J.—(Rutherford post office)—Bids will be received about July 15 by John T. Simpson, Engr., Essex Bldg., Newark, for the construction of a school. Estimated cost, $40,000.

✚**Hoboken, N. J.**—(Official)—The JERSEY CITY CONSTRUCTION CO., 75 Montgomery St., Jersey City, at $42,017, has been awarded the contract for the construction of additions and repairs to Public School No. 8. Noted June 17 and July 1.

Perth Amboy, N. J.—Bids will be received until July 19 by the Board of Education for the construction of an addition to the high school on State St. J. N. Pierson & Son is Arch. Noted Apr. 15 and 22.

Trenton, N. J.—Plans have been prepared by George S. Drew, State Arch., for the construction of a five-story, 40x95-ft. brick and stone building for the State Hospital. The estimated cost is $60,000.

✚**Ebensburg, Penn.**—The Directors of Cambria Title Savings & Trust Co. have awarded the contract for the construction of a building to the ANDREW J. ROBINSON CO., 123 East 23d St., New York, N. Y. Estimated cost, $60,000. Noted May 13.

✚**Philadelphia, Penn.**—H. H. WEYMEYER, Philadelphia, at $122,863, has been awarded the contract for the construction of a police and fire station at 22nd St. and Hunting Park Ave. Noted July 1.

Philadelphia, Penn.—Bids will be received about July 20 for the construction of a seven-story, 45x179-ft. building with four 45x175-ft. wings at 54th St. and Cedar Ave. for the Miserecordia Hospital. E. F. Durang & Son, 12th and Chestnut St., is Arch. Noted Apr. 1.

Philadelphia, Penn.—Bids will be received until July 20 by the Jewish Hospital for the construction of additions and alterations to the hospital at York and Tabor Rd. Magaziner & Potter, 137 South Fifth St., is Arch.

Philadelphia, Penn.—Cramp & Co., Denckla Bldg., Philadelphia, at $278,056, submitted the lowest bid for the construction of a three-story school at 65th St. and Lime Kiln Pike, East Germantown. Noted June 24 and July 8.

✚**Renovo, Penn.**—The contract for the construction of a two-story, 94x183-ft. school has been awarded to the SHAMOKIN LUMBER CO., Shamokin, at $76,500. Woodnutt & Schmohl, 150 West Fourth St., Williamsport, is Arch. Noted June 24.

Blue Mountain, Md.—Plans are being prepared by Baldwin & Pennington, Arch., Professional Bldg., Baltimore, for the construction of a three-story concrete hotel. The estimated cost is $150,000.

Roanoke, Va.—Bids will be received until Aug. 1, by the Melrose Baptist Church, for the construction of a 95x120-ft. building at Melrose Ave. and 12th St. Estimated cost, $50,000. N. T. Wingfield, Charlottesville, is Arch. Noted July 8.

Huntington, W. Va.—Plans are being prepared by McMichael & Cain, Arch., Richmond, Va., for the construction of a $100,000 church and a $100,000 building for women for the Baptist Church.

Weston, W. Va.—Bids will be received until noon, July 27, by J. S. Lakin, Pres., State Bd. of Control, Charleston, for the construction of a two-story, 63x306-ft. building at the Weston State Hospital. H. Rus Farne, Charleston, is Arch.

Florence, S. C.—The citizens voted in favor of issuing $232,000 in bonds. Of this amount $52,000 will be used for the construction of a school.

✚**Spartanburg, S. C.**—The contract for the construction of a seven-story, reinforced-concrete hotel to replace the Spartan Inn has been awarded to LONGEST & TESSIER, Greensboro, N. C. Estimated cost, $250,000. J. W. Allen is Chn. of Bldg. Com.

Atlanta, Ga.—Plans are being prepared by Morgan & Dillon, Arch., Grant Bldg., for the construction of a four-story, brick and steel building on Whitehall St. for Mrs. Mary G. Thurman. The estimated cost is $50,000.

Birmingham, Ala.—Plans have been prepared by Harry Wheelock and H. A. Stockman, Archs., for the construction of a two-story business building at First Ave. and 19th St. for T. H. Molton and Mrs. Annie Henley. Estimated cost, $50,000. Noted Feb. 4.

New Orleans, La.—The B. P. O. E. plans to construct a four-story clubhouse at Elks' Pl. near the Canal. The estimated cost is $150,000. John P. Sullivan is Chn. of Bldg. Com. Noted Dec. 3.

Memphis, Tenn.—The members of the Knights of Pythias contemplate the construction of a two-story store and lodge building. The estimated cost is $50,000. J. A. Goodman is Dir. of Bldg. Association.

✚Louisville, Ky.—The GEORGE H. ROMMEL CO., Louisville, at $130,000, has been awarded the contract for the construction of the Y. M. C. A. building at Second St. and Broadway. John Bacon Hutchings & Son, Columbia Bldg., is Arch. Noted June 10.

✚Canton, Ohio—(Official)—The INDIANA ENGINEERING & CONSTRUCTION CO., Ft. Wayne, Ind., at $81,000, has been awarded the contract for the construction of the three-story Henry S. Martin School at Third St., S. W. W. C. Lane is Clk., Bd. of Education. Noted July 1.

Canton, Ohio—Plans have been prepared by W. C. Owens & Co., Arch. and Engr., 449 Leader-News Bldg., Cleveland, for the construction of a four-story 87x200 ft. commercial building on North Market St., for C. N. Vickary, Canton.

✚Canton, Ohio—MELBOURNE BROS., 403-15th St., Canton, at $74,900, has been awarded the contract for the construction of the J. J. Burns School. W. C. Lane is Clk., Bd. of Education. Noted June 17.

Cincinnati, Ohio—Garber & Woodward, Arch., 2803 Union Central Bldg., has prepared plans for the construction of a two-story observatory for the Cincinnati Astronomical Society. The estimated cost is $50,000.

Cincinnati, Ohio—Plans are being prepared for the construction of a building for the Chamber of Commerce. The estimated cost is $1,000,000.

Cincinnati, Ohio—Work will soon be started on the construction of buildings at the Miami Medical College. C. R. Holmes, Harry Laws and Harry Levi, General Hospital, are interested. Noted June 17 and 24.

Cleveland, Ohio—A. M. Gordon Co., Illuminating Bldg., plans the construction of a hotel at East 79th St. and Hough Ave. Estimated cost, $300,000.

Cleveland, Ohio—Plans have been prepared by Willard Hirsh, Arch., 1302 Swetland Bldg., for the construction of telephone buildings on the West Side for the Ohio State Telephone Co. The estimated cost is $100,000. Noted June 24.

Cleveland, Ohio—Plans have been prepared by Meade & Hamilton, Arch., 1002 Garfield Bldg., for alterations and improvements to the clubhouse of the Union-Club, Euclid Ave. and East 12th St. Estimated cost, $150,000.

Cleveland, Ohio—Plans are being prepared by S. H. Weis, Arch., 1030 Schofield Bldg., for the construction of a two-story commercial building at Superior Ave. and East 113th St. for B. B. Given, Syracuse, N. Y. Estimated cost, $40,000.

✚Marion, Ohio—E. ELFORD, Columbus, has been awarded the contract for the construction of a two-story building on South Main St. for the Marion County Telephone Co. The estimated cost is $40,000.

✚Milford Center, Ohio—The contract for the construction of a school has been awarded to A. M. FRY, Piqua, at $41,919. Noted Apr. 8.

Oxford, Ohio—The Trustees of Miami University have approved plans prepared by Louis G. Dittoe, Arch., Cincinnati, for the construction of a dormitory to be known as George C. Ogden Hall. The estimated cost is $250,000. Noted Apr. 29.

✚Toledo, Ohio—The general contract for the construction of a five-story addition and alterations to the Niagara Hotel has been awarded to the H. J. SPIEKER CO., 409 Michigan St., Toledo. The estimated cost is $50,000.

✚Van Wert, Ohio—The contract for the construction of a four-story, 102x108-ft. brick and terra cotta building for the Y. W. C. A. has been awarded to the LARSON-DANIELSON CONSTRUCTION CO., Laporte, Ind. The estimated cost is $100,000.

✚Kendallville, Ind.—The LARSON-DANIELSON CONSTRUCTION CO., Laporte, Ind., at about $50,000, has been awarded the contract for the construction of a 10-room fireproof school building. Noted May 6.

Sullivan, Ind.—The citizens contemplate the construction of a court house for Sullivan County. The estimated cost is $250,000. W. S. Bicknell is Audr.

Terre Haute, Ind.—Plans have been prepared by A. H. Hubbard, Arch., 300 First National Bank Bldg., Champaign, Ill., for the construction of a building for the Masonic Temple Association. John S. Jordan is Chn., Bd. of Trustees. Estimated cost, $90,000.

Detroit, Mich.—E. R. Dunlap and L. Willeke, Archs., have prepared plans for the construction of a 12-story hotel at Cass Ave. and Peterboro St. for the Buckingham Hotel Co. The estimated cost is $300,000. J. Allen R. Wray and William J. Hendricks are interested.

✚Newberry, Mich.—The contract for the construction of a nurses' home, cottage and addition to the tuberculosis ward at the Newberry State Hospital has been awarded to HERMAN GUNDLACH, Houghton. Estimated cost, $70,000. Charlton & Kuenzli, Marquette, is Arch.

✚Sandusky, Mich.—(Official)—CHARLES COVELL, Ionia, at $74,528, has been awarded the contract for the construction of a three-story courthouse for Sanilac County. Sanford L. Utley is County Clk. Noted Mar. 11 and June 17.

✚Sault Ste. Marie, Mich.—The contract for the construction of the three-story 150x200-ft. Soo High School has been awarded to L. E. CHAUSSEE, Negaunee. Estimated cost, $150,000. John D. Chubb, 32 North Clark St., Chicago, Ill., is Arch.

Chicago, Ill.—Bids will soon be received by C. C. Taylor, Chn. of Bldg. Com., 39 South La Salle St., for the construction of an edifice for the Ninth Church of Christ, Scientist. The estimated cost is $100,000. Carl Barkhausen, 121 Wisconsin St., Milwaukee, Wis., is Arch. Noted June 24.

Peoria, Ill.—Contracts will be awarded about Aug. 1 for the construction of a two-story church for the Central Christian Church. The estimated cost is $50,000. Whitmeyer & Chaffee, 204 South Glenwood Ave., is Arch.

Rockford, Ill.—Contracts will be awarded about Aug. 15 by the Board of Education for the construction of a two-story grade school. The estimated cost is $80,000. Frank A. Carpenter is Arch. Noted Mar. 11.

Chippewa Falls, Wis.—Contracts will be awarded about Aug. 1 by C. H. Johnston, Arch., 715 Capitol Bank Bldg., St. Paul, Minn., for the construction of a three-story administration building for the Edward Rutledge Charity. The estimated cost is $50,000. Noted July 8.

Eau Claire, Wis.—Bids will soon be received by the Common Council for the construction of a city hall and municipal auditorium. Estimated cost, $50,000. George Awsumb, 14 East Jackson Blvd., Chicago, Ill., is Arch. Noted May 6.

Watertown, Wis.—Bids will be received until July 20 by the Board of Education for the construction of a two-story, 160x170-ft. high school. The estimated cost is $125,000. Parkinson & Dockendorff, La Crosse, is Arch. Noted Apr. 8.

Iowa City, Iowa—The Iowa State Board of Education plans to construct a library at the University of Iowa. The estimated cost is $700,000.

Jefferson, Iowa—Plans are being prepared by Proudfoot, Bird & Rawson, Hubbell Bldg., Des Moines, for the construction of a two-story high school. The estimated cost is $55,000.

✚Albert Lea, Minn.—W. S. KINGSLEY, Faribault, has been awarded the contract for the construction of a six-story, fireproof, store and office building. Hoffman & Morse, Rochester, is Arch. Noted June 17.

Proctor, Minn.—Plans have been prepared by Vernon J. Price & Co., 608 Palladio Bldg., Duluth, for the construction of a school. The estimated cost is $40,000. Noted Feb. 25 and May 13.

✚St. Paul, Minn.—The STANDARD CONSTRUCTION CO., Plymouth Bldg., Minneapolis, Minn., has been awarded the general contract for the construction of a three-story, reinforced-concrete and brick academy for the Swedish Baptist General Conference of America. The estimated cost is $60,000.

Wheaton, Minn.—Edward F. Broomhall, Arch., 710 Alworth Bldg., Duluth, is preparing plans for the construction of a high school addition and gymnasium at Wheaton. Estimated cost, $40,000.

Winona, Minn.—The Board of Education contemplates the construction of a high school. The estimated cost is $100,000.

Dodge City, Kan.—The Sacred Heart Congregation contemplates the construction of a church and parochial school for boys. The estimated cost is $50,000.

✚Kansas City, Kan.—The general contract for the construction of a 67x80-ft., brick building for the congregation of the First Church of Christ, Scientist, has been awarded to EUGENE DRIER. The estimated cost is $40,000.

✚Lincoln, Neb.—The Board of Regents of the University of Nebraska has awarded the contract for the construction of a three-story, 65x141-ft. building with a two-story, 61x80-ft. addition at the State Farm to GOULD & SON, Omaha, at $113,657.

Schuyler, Neb.—Bids will be received until Aug. 15 by the Board of Education for the construction of a two-story, 80x110-ft. high school. Estimated cost, $40,000. Noted July 8.

✚Milbank, S. D.—(Official)—The contract for the construction of a courthouse has been awarded to J. B. EVANS CONSTRUCTION CO., Mexico, Mo., at $74,990. E. M. Harper is County Audr. Noted May 20 and June 24.

✚Butte, Mont.—(Official)—The contract for the construction of a high school, including a gymnasium and swimming pool for School District No. 1, Silver Bow County, has been awarded to the MONTANA CONSTRUCTION & ENGINEERING CO., 84 Owsley Blk., Butte, at $111,750. Other bidders were: Silver Johnston, Butte, Shoblom & Hexen, Butte; Kroffganz & Frank, Butte; S. P. Guimont, Anaconda. Noted May 20.

✚Great Falls, Mont.—The Board of Education has awarded the contract for the construction of the Emerson School on Second Ave., S., to RUDE & SEARLES, at $68,194.

Ozark, Mo.—The County Commissioners have been petitioned by the citizens to hold an election to vote on the question of issuing $50,000 in bonds. The proceeds will be used for the construction of a county courthouse.

Little Rock, Ark.—(Official)—The STEWART McGEHEE CONSTRUCTION CO., Little Rock, at $45,000, has been awarded the contract for the contruction of a two-story school to be known as the U. M. Rose School. Noted July 1.

✚Marshall, Tex.—The CADDO CONSTRUCTION CO., Muskogee, Okla., at $74,480, has been awarded the contract for the construction of an administration building for the College of Marshall.

Walla Walla, Wash.—Bids will soon be received for the construction of a four-story building for St. Mary's Hospital. The estimated cost is $212,000. Robert Tegen, Journal Bldg., Portland, Ore., is Arch. Noted May 6 and June 3.

San Bernardino, Calif.—Plans are being prepared by Lyman Farwell, Story Bldg., Los Angeles, Calif., for the construction of a group of buildings for the new county hospital. The estimated cost is $150,000. Noted Mar. 11.